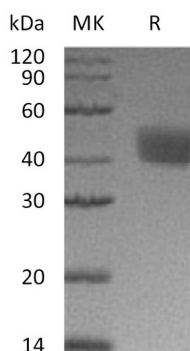


## 概述 (Summary)

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 英文全称                        | Mesothelin/MPF/MSLN/CAK1/Mes/SMR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 纯度 (Purity)                 | Greater than 95% as determined by reducing SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 内毒素 (Endotoxin level)       | <1 EU/μg as determined by LAL test.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 蛋白构建 (Construction)         | Recombinant Mouse Mesothelin is produced by our Mammalian expression system and the target gene encoding Asp298-Ser600 is expressed with a 6His tag at the C-terminus.                                                                                                                                                                                                                                                                                                                                                                                                        |
| Accession #                 | Q61468                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 蛋白标签 (Tag)                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 表达宿主 (Host)                 | Human Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 种属 (Species)                | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 预测分子量 (Predicted MW)        | 35 KDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 蛋白形态 (Form)                 | Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 储存缓冲液 (Buffer)              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 运输方式 (Shipping)             | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 稳定性&储存 (Stability &Storage) | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                          |
| 复溶 (Reconstitution)         | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## 电泳图 (SDS-PAGE image)

**Product Name: Recombinant Mouse Mesothelin (C-6His)**  
**Catalog #: PHM1950**



## 背景 (Background)

### 分子别名 (Alternative Names)

Mesothelin; Msln; Mes; Mpf

### 背景介绍 (References)

Mesothelin is derived from a 70 kDa precursor that also includes Megakaryocyte Potentiating Factor (MPF). The 70 kDa precursor is expressed on the cell surface where it is cleaved at a dibasic proteolytic site to release the 32 kDa glycosylated MPF. MPF is a cytokine that potentiates IL3 induced megakaryocyte colony formation. The term Mesothelin refers to the 40 kDa glycosylated protein which remains attached to the cell surface via a GPI linkage. Mesothelin is over expressed in several human tumors, including mesothelioma and ovarian and pancreatic adenocarcinoma. The interaction between mesothelin and MUC16 (also known as CA125) may facilitate the implantation and peritoneal spread of tumors by cell adhesion. The region (296-359) consisting of 64 amino acids at the N-terminal of cell surface mesothelin is the functional binding domain for MUC16. Mesothelin is a tumour differentiation antigen that is normally present on the mesothelial cells lining the pleura, peritoneum and pericardium. A soluble form of Mesothelin, with its GPI anchor intact, is released from tumor cells and binds to MMR/CD206 on macrophages.

## 注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.