

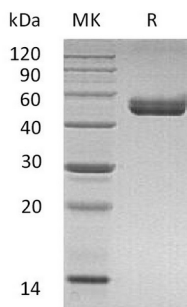
**Product Name: Recombinant Mouse CD74 (C-mFc-6His)**  
**Catalog #: PHM0370**



## 概述 (Summary)

|                             |                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 英文全称                        | CD74/HLADG/H-2 class II histocompatibility antigen gamma chain                                                                                                                                                                |
| 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 HLA Class II Histocompatibility Antigen Gamma Chain is produced by our Mammalian expression system and the target gene encoding Gln56-Leu215 is expressed with a mouse IgG1 Fc, 6His tag at the C-terminus. |
| Accession #                 | P04441-2                                                                                                                                                                                                                      |
| 蛋白标签 (Tag)                  |                                                                                                                                                                                                                               |
| 表达宿主 (Host)                 | Human Cells                                                                                                                                                                                                                   |
| 种属 (Species)                | Mouse                                                                                                                                                                                                                         |
| 预测分子量 (Predicted MW)        | 44.5 KDa                                                                                                                                                                                                                      |
| 蛋白形态 (Form)                 | Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.5.                                                                                                                                    |
| 储存缓冲液 (Buffer)              |                                                                                                                                                                                                                               |
| 运输方式 (Shipping)             | The product is shipped on dry ice/polar packs. 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)         |                                                                                                                                                                                                                               |

## 电泳图 (SDS-PAGE image)



## 背景 (Background)

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**分子别名 (Alternative Names)**

HLA class II histocompatibility antigen gamma chain; HLA-DR antigens-associated invariant chain; CD74; Cluster of Differentiation 74

**背景介绍 (References)**

Mouse HLA class II histocompatibility antigen gamma chain (CD74), is a single-pass type II membrane protein that in humans is encoded by the CD74 gene. It contains 1 thyroglobulin type-1 domain. CD74 Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to compartments where peptide loading of class II takes place.

**注意事项 (Note)**

For Research Use Only , Not for Diagnostic Use.