## **Product Name: Recombinant Human MPF (C-6His)**

Catalog #: PHH1150



#### 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 Human Megakaryocyte-Potentiating Factor is produced by

our Mammalian expression system and the target gene encoding Leu37-

Arg286 is expressed with a Fc tag at the C-terminus.

Accession # Q13421

蛋白标签 (Tag)

表达宿主 (Host) Human Cells

种属 (Species)Human预测分子量 (Predicted MW)27.8 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.

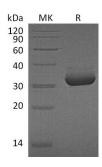
### 电泳图 (SDS-PAGE image)

Web: https://www.enkilife.com E-mail: order@enkilife.com techsupport@enkilife.com Tel: 0086-27-87002838

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## 背景 (Background)

分子别名 (Alternative Names)

背景介绍 (References)

Megakaryocyte potentiating factor; mesothelin; Pre-pro-megakaryocyte-potentiating factor; soluble MPF mesothelin related protein; CAK1; MPF; MSLN; SMR; CAK1; CAK1 antigen

Mesothelin is a cell surface glycoprotein whose expression is limited to mesothelial cells of the serosa (pleura, pericardium, and peritoneum) and epithelial cells of the trachea, tonsils, fallopian tube, and kidneys. Mesothelin plays an important role in cell survival, proliferation, migration, invasion, tumor progression, and resistance to chemotherapy. The overexpression of mesothelin can activate NF- $\kappa$ B and signal transducer and activator of transcription 3 (Stat3), inhibit apoptotic signaling and TNF- $\alpha$ -induced apoptosis, and accelerate the G1–S transition. Mesothelin is also found overexpressed in various cancers, including malignant mesothelioma, pancreatic or ovarian carcinoma, sarcomas and in some gastrointestinal or pulmonary carcinomas. As a result of its limited expression in normal tissues, mesothelin has been reported as an ideal tumor-associated marker for the development of targeted therapy.

#### 注意事项(Note)

For Research Use Only, Not for Diagnostic Use.