

PRODUCT INFORMATION

Target Mesothelin

CAK1 antigen; Pre-pro-megakaryocyte-**Synonyms**

potentiating factor; MPF

Recombinant human Mesothelin(37-286) protein **Description**

with C-terminal 6×His tag

Delivery In Stock **Uniprot ID** Q13421 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Background

Mesothelin(Leu37-Arg286) 6×His tag Characterization

The protein has a predicted molecular mass of

27.6 kDa after removal of the signal peptide. The apparent molecular mass of Mesothelin(37-286)-His is approximately 25-35 kDa due to **Molecular Weight**

glycosylation.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue **Purity**

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Storage & Shipping Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a preproprotein that is proteolytically processed to generate two protein products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiating factor functions as a cytokine that can stimulate colony formation of bone marrow megakaryocytes. Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function

as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell

carcinomas. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically

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processed.

Usage Research use only Conjugate Unconjugated



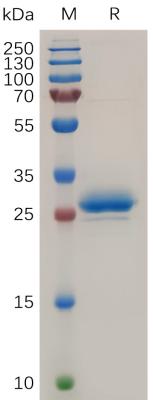


Figure 1. Human Mesothelin(37-286) Protein, His Tag on SDS-PAGE under reducing condition.

