

PRODUCT INFORMATION

Target Mesothelin

Mesothelin; Pre-pro-megakaryocyte-potentiating **Synonyms**

factor

Recombinant mouse Mesothelin protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q61468 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Purity

Background

Mouse Mesothelin(Asp298-Ser600) 6×His tag Characterization

The protein has a predicted molecular mass of 35.0 kDa after removal of the signal peptide. The **Molecular Weight**

apparent molecular mass of mMesothelin-His is approximately 35-40 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

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 megakaryocytes. Mesothelin is a glycosylphosphatidylinositolanchored 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. [provided by RefSeq, Feb 2016]

Usage Research use only Conjugate Unconjugated

Figure 1. Mouse Mesothelin Protein, His Tag on SDS-PAGE under reducing condition.



