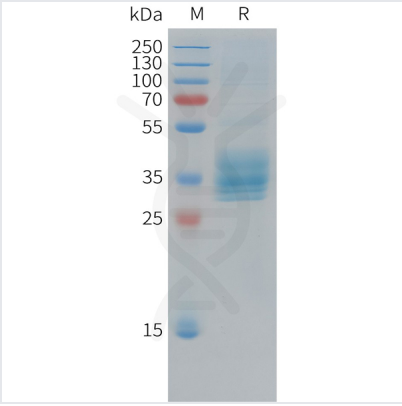
MESOTHELIN Cynomolgus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mesothelin, Recombinant Protein
Full Product Name	Cynomolgus Mesothelin Protein, His Tag
Product Gene Name	Mesothelin recombinant protein
Product Synonym Names	MPF; SMRP; Recombinant Cynomolgus Mesothelin protein with C-terminal 10×His tag
Sequence	Mesothelin (Ser34-Val 514)
Host	HEK293
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Purity/Purification	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Molecular Weight	The protein has a predicted molecular mass of 53.9kDa after removal of the signal peptide.
3D Structure	ModBase 3D Structure for G7Q039
Tag	C-10×His
Product Categories/Family for Mesothelin recombinant protein	ECD Proteins
Related Product Information for Mesothelin recombinant protein	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 processed. [provided by RefSeq, Feb 2016]
Other Notes	Small volumes of Mesothelin recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Mesothelin purchase	MBS1884155 is a recombinant protein targeting Mesothelin. Also known as Cynomolgus Mesothelin Protein, His Tag. Host: HEK293.



SDS-PAGE of Mesothelin recombinant protein
Figure 1. Cynomolgus Mesothelin Protein, His Tag on SDS-PAGE under reducing condition.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Mesothelin. It may not necessarily be applicable to this product.

UniProt Primary Accession #	G7Q039
Protein Family	Mesothelin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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