Recombinant Mouse Mesothelin/MSLN Protein

RPCB0953

Protein Information

Size:	10 µg , 20 µg , 50 µg , 100 µg	**Tag:**	C-His
Reactivity:	Mouse	**Expressed Host:**	HEK293 cells
Calculated MW:	34.99 kDa	**Observerd MW:**	40-50 kDa

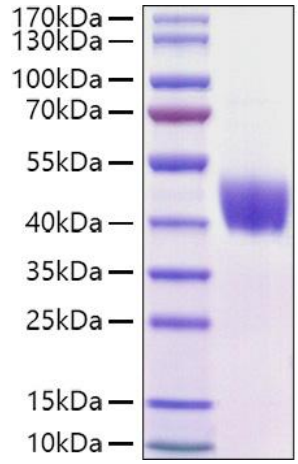
Background

The megakaryocyte potentiating factor belongs to the mesothelin family. This family is comprised of several mammalian pre-pro-megakaryocyte potentiating factor precursor (MPF) or mesothelin proteins. Mesothelin is a glycosylphosphatidylinositol-linked glycoprotein highly expressed in mesothelial cells, mesotheliomas, and ovarian cancer, but the biological function of the protein is not known. Megakaryocyte potentiating factor is highly expressed in mesotheliomas, ovarian cancers, and some squamous cell carcinomas (at protein level). It interacts with MUC16 and potentiates megakaryocyte colony formation in vitro. Megakaryocyte potentiating factor is secreted by several mesothelioma cell lines and is frequently elevated in the blood of patients with mesothelioma. Measurement of this protein may be useful in following the response of mesothelioma to treatment.

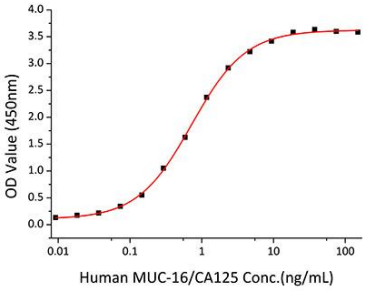
Properties

Synonyms:	MSLN, Mesothelin, MPF, MSLN
Gene ID:	56047
Endotoxin:	< 0.1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Mouse Mesothelin/MSLN Protein (RPCB0953), tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE.
Storage:	Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.

Validation Data



Recombinant Mouse Mesothelin/MSLN Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Mouse Mesothelin/MSLN at 2 µg/mL (100 µL/well) can bind Human CA125 with a linear range of 0.01-0.72 ng/mL.