

Mesothelin Protein, Rat (HEK293, His)

Cat. No.:	HY-P78620
Synonyms:	MSLN; Mesothelin; MPF
Species:	Rat
Source:	HEK293
Accession:	XP_032768340 (D298-S600)
Gene ID:	116908979
Molecular Weight:	43-50 kDa

PROPERTIES

Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Rat Mesothelin at 2 µg/mL can bind Human MUC16, the EC ₅₀ is 7.561-12.47 ng/mL.
Appearance	Lyophilized powder
Formulation	Lyophilized a 0.22 µm filtered solution of 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Mesothelin Protein, in its membrane-anchored forms, is implicated in cellular adhesion, suggesting a potential role in mediating interactions between cells. Additionally, Megakaryocyte-potentiating factor (MPF) has been associated with the enhancement of megakaryocyte colony formation, indicating its involvement in processes related to the development of these specialized blood cell colonies.
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Caution: Product has not been fully validated for medical applications. For research use only.

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