

# MSLN/Mesothelin

Catalog # PVGS1751

## Product Information

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<b>Primary Accession Species</b>	<a href="#">XP_032768340.1</a> Rat
<b>Sequence</b>	Asp298-Ser600
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Endotoxin Level</b>	Less than 1EU per $\mu$ g by the LAL method.
<b>Biological Activity</b>	Immobilized MSLN/Mesothelin(298-600), His, Rat (Cat.No.: Z03878) at 1 $\mu$ g/ml (100 $\mu$ l/Well) can bind Biotinylated Human CA125, His Tag.
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	35.67 kDa
<b>Formulation Reconstitution</b>	Lyophilized from a 0.22 $\mu$ m filtered solution in PBS, pH 7.4. Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage &amp; Stability</b>	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

## Additional Information

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<b>Target Background</b>	Mesothelin, also known as MSLN, is encoded by the MSLN gene. It encodes a precursor protein of 71 kDa that is processed to a 31 kDa shed protein called megakaryocyte potentiating factor (MPF) and a 40 kDa fragment, mesothelin. MSLN is attached to the cell membrane by a glycosyl-phosphatidylinositol (GPI) anchor. It is a differentiation antigen which is highly expressed in several human cancers, including virtually all mesotheliomas and pancreatic adenocarcinomas.
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## Protein Information

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.