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# MSLN/Mesothelin

Catalog # PVGS1740

## Product Information

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| **Primary Accession** | Q13421-3 |
| **Species** | Human |
| **Sequence** | Met487-Ser598 |
| **Purity** | > 95% as determined by Bis-Tris PAGE<br>> 95% as determined by HPLC |
| **Endotoxin Level** | Less than 1EU per μg by the LAL method. |
| **Biological Activity** | Immobilized MSLN/Mesothelin(487-598) hFc Chimera, Human (Cat.No.: Z03864) at 1 μg/ml (100 μl/Well) on the plate can bind Biotinylated Anti-MSLN Antibody. |
| **Expression System** | HEK293 |
| **Theoretical Molecular Weight** | 38.35 kDa |
| **Formulation** | Lyophilized from a 0.22 μm filtered solution in PBS, pH 7.4. |
| **Reconstitution** | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| **Storage & Stability** | 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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| **Target Background** | 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. |

## Protein Information

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