For Research Use Only

Recombinant Human MSLN (Myc Tag, His Tag)

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Catalog Number: Eg31658

Basic Information

ED50:
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Species:
Human

Purity:
>90 %, SDS-PAGE

GeneID:
10232

Accession:
Q13421

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<1.0 EU/μg protein, LAL method

Source:
HEK293-derived Human MSLN protein Glu296-Ser606 (Accession# Q13421) with a Myc Tag and a His Tag at the C-terminus.

Predicted Molecular Mass:
37.1 kDa

SDS-PAGE:
40-70 kDa, reducing (R) conditions

Formulation:
Lyophilized from sterile PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

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Storage and Shipping

Storage:
It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20℃ to -80℃ as lyophilized proteins.
- 3 months, -20℃ to -80℃ under sterile conditions after reconstitution.

Shipping:
The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Mesothelin (MSLN) is a glycosylphosphatidylinositol-linked membrane glycoprotein which is highly expressed in a variety of tumors and is also expressed in mesothelial cells of healthy individuals, but at low levels. Therefore, it can be considered as a promising target protein for tumor-targeted therapy. In the tumor environment, MSLN plays an important role in survival, proliferation, and migration/invasion of cancer cells as well as in drug resistance.

References

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3. Weidemann S, Gagelmann P, Gorbokon N, Lennartz M, Menz A, Luebke AM, et al.. Mesothelin Expression in Human
4. Le K, Wang J, Zhang T, Guo Y, Chang H, Wang S, et al.. Overexpression of Mesothelin in Pancreatic Ductal Adenocar
5. Del Bano J, Florès-Florès R, Josselin E, Goubard A, Ganier L, Castellano R, et al.. A Bispecific Antibody-Based Appro

Synonyms

CAK1, CAK1 antigen, Megakaryocyte-potentiating factor, Mesothelin, Mesothelin, cleaved form, MPF, MPF Mesothelin, cleaved form, MSLN, Pre-pro-megakaryocyte-potentiating factor, SMR

Selected Validation Data