

Recombinant Human MET protein (His Tag)

Catalog Number: Eg0230

Basic Information

Species:
Human**Purity:**
>90 %, SDS-PAGE**Tag:**
His Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ µg protein, LAL method

Source:

HEK293-derived Human MET protein Glu25-Thr932 (Accession# P08581-1) with a His tag at the C-terminus.

GeneID:

4233

Accession:

P08581-1

Predicted Molecular Mass:

105.8 kDa

SDS-PAGE:

38-46 kDa and 80-95 kDa, reducing (R) conditions

Formulation:

Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

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

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C 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

MET is a receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to the HGF ligand. c-Met regulates many physiological processes including proliferation, scattering, morphogenesis, and survival. The primary single-chain precursor protein is post-translationally cleaved to produce the alpha and beta subunits, which are disulfide-linked to form the mature receptor. Overexpression and/or mutation of c-Met has been reported in various human malignancies, including lung cancer, breast cancer, head and neck cancer, gastric cancer, colorectal cancer, bladder cancer, uterine cervix carcinoma, esophageal carcinoma, c-Met could serve as an important therapeutic target.

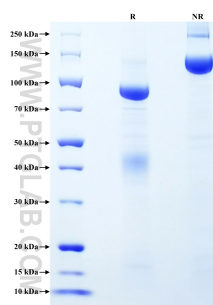
References

1. Ozawa, Yohei et al. BMC cancer vol. 15 451. 3 Jun. 2015.
2. Rosen, E M et al. The Journal of cell biology vol. 127,6 Pt 2 (1994): 1783-7.
3. Rashed, Wafaa M. Critical reviews in oncology/hematology vol. 131 (2018): 7-15.

Synonyms

c-Met, AUTS9, c Met, c-Met (Cytoplasmic), EC:2.7.10.1

Selected Validation Data



Purity of Recombinant Human MET was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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