

Mouse c-Met/HGFR (His Tag) recombinant protein



Catalog Number: 501344

General Information

Protein Construction

A DNA sequence encoding the mouse MET (NP_032617.2) extracellular domain (Met 1-Asn 929) was fused with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to compete with mouse C-MET for binding to immobilized human HGF in a functional ELISA assay.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Glu 25 & Ser 307

Molecular Mass

The recombinant mouse Met is a heterodimer

composed of the proteolytically cleaved α and β subunits. The α and β heterodimer consists of 916 amino acids and has a predicted molecular mass of 102 ($\alpha=32 + \beta=70$) kDa. The apparent molecular mass of the rmMET heterodimer thus is approximately 43 kDa and 85-95 kDa respectively in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

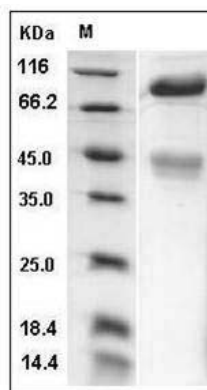
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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