Human c-Met/HGFR (aa 956-1390, His & GST Tag) recombinant protein

Catalog Number: 503328

General Information

Protein Construction

A DNA sequence encoding the human MET (P08581-1) (Lys956-Ser1390) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

1. The specific activity was determined to be 10 nmol/min/mg using MBP as substrate.
2. Measured by its binding ability in a functional ELISA. Immobilized human HGFR (aa 956-1390) (Cat: 503328) at 10 μg/ml (100 μl/well) can bind biotinylated human HGF-his (Cat: 10463-H08H) with a linear range of 15.6-125 ng/ml.

Purity

> 97 % 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℃

Predicted N terminal

Met

Molecular Mass

The recombinant human MET /GST chimera consists of 672 amino acids and has a calculated molecular mass of 76.8 kDa. The recombinant protein migrates as an approximately 68 kDa band in SDS-PAGE under reducing conditions.

Formulation

Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol, 3mM DTT
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

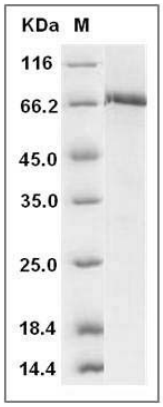
Storage

Store it under sterile conditions at -20℃ to -80℃. 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



Human c-MET / HGFR Protein (aa 956-1390, His & GST Tag) SDS-PAGE