

## Recombinant Human Met, Fc-His tagged

Cat. No. Met-31H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human Met precursor extracellular domain (Met 1-Thr 932) (NP\_000236), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

**Species** Human

**Source** Human Cells

**ProteinLength** 1-932 a.a.

**Form** Lyophilized from sterile PBS, pH 7.4

**Molecular Mass** The mature recombinant human c-Met/Fc is a disulfide-linked tetramer composed of two proteolytically cleaved  $\alpha$  and  $\beta$  subunits. Each  $\alpha$  and  $\beta$  together with the C-terminal Fc tag consists of 1155 amino acids and has a predicted molecular mass of 129.5 ( $\alpha = 32.5 + \text{Fc tagged } \beta = 97$ ) kDa. The rh c-MET/Fc heterodimer thus migrates with apparent molecular mass of approximately 45 kDa and 120 kDa respectively in SDS-PAGE under reducing conditions due to glycosylation.

**Endotoxin** < 1.0 eu per  $\mu\text{g}$  of the protein as determined by the LAL method.

**Stability** Samples are stable for up to twelve months from date of receipt at -70oC.

**Storage** Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** MET met proto-oncogene (hepatocyte growth factor receptor) [ Homo sapiens ]

**Official Symbol** Met

**Gene ID** 4233

**mRNA Refseq** NM\_000245

**Protein Refseq** NP\_000236

**MIM** 164860

**UniProt ID** P08581

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