# Human HGF R/c-MET Protein

**Cat. No.** MET-HM10D

## Description

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|---|---|
| **Source** | Recombinant Human HGF R/c-MET Protein is expressed from HEK293 with His tag at the C-terminus. |
| | It contains Asn516-Thr932. |
| **Accession** | P08581-1 |
| **Molecular Weight** | The protein has a predicted MW of 47.53 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result. |
| **Endotoxin** | Less than 0.1 EU per μg by the LAL method. |
| **Purity** | > 95% as determined by Bis-Tris PAGE |
| | > 95% as determined by HPLC |

## Formulation and Storage

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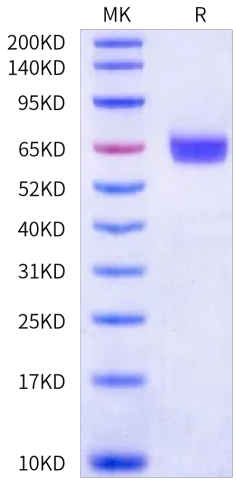
| **Formulation** | Supplied as 0.22 μm filtered solution in PBS (pH 7.4). |
| **Storage** | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

## Background

c-Met, also called tyrosine-protein kinase Met or hepatocyte growth factor receptor (HGFR), is a protein that in humans is encoded by the MET gene. The protein possesses tyrosine kinase activity. 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. Following activation by ligand, interacts with the PI3-kinase subunit PIK3R1, PLCG1, SRC, GRB2, STAT3 or the adapter GAB1.

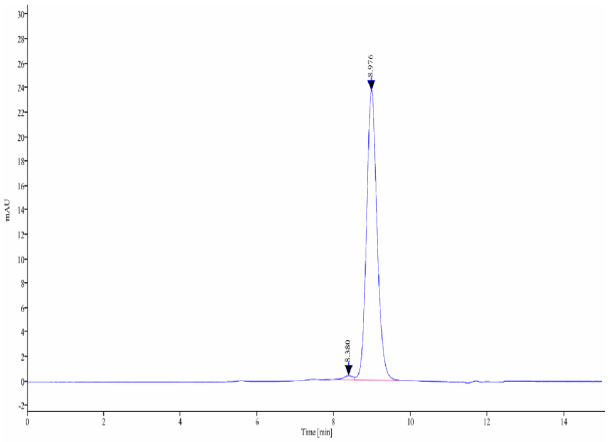
## Assay Data

### Bis-Tris PAGE




Human HGF R on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC



The purity of Human HGF R is greater than 95% as determined by SEC-HPLC.

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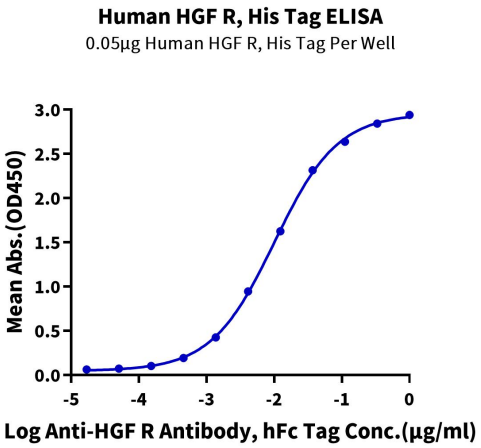
## Assay Data

### ELISA Data




Immobilized Human HGF R, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-HGF R Antibody, hFc Tag with the EC50 of 10.1ng/ml determined by ELISA.

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