

Active Recombinant Human MET protein, His-Spy-tagged, Low Endotoxin

Cat. No. MET-6743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MET protein(P08581-1)(Glu25-Thr932), fused with C-terminal His and Spy tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-932 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human HGF R, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human HGF, hFc Tag with the EC50 of 7.6ng/ml determined by ELISA.
Molecular Mass	The mature form of HGF R is a heterodimer which can be cleaved into α and β chain. The protein has a predicted MW of 32.5 kDa (α chain) and 72.5 kDa (β chain). Due to glycosylation, the protein migrates to 45-60 kDa and 85-105 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

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

Official Symbol MET

Synonyms MET; met proto-oncogene (hepatocyte growth factor receptor); hepatocyte growth factor receptor; HGFR; RCCP2; SF receptor; HGF receptor; oncogene MET; HGF/SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; met proto-oncogene tyrosine kinase; AUTS9; c-Met;

Gene ID 4233

mRNA Refseq NM_000245

Protein Refseq NP_000236

MIM 164860

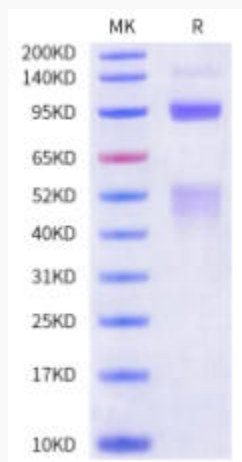
UniProt ID P08581

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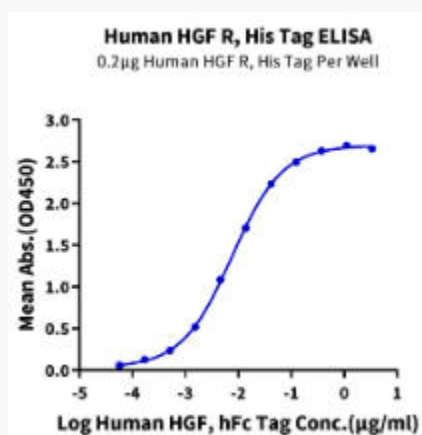
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Bis-Tris PAGE



ELISA Data



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