

Active Recombinant Human PTK7 protein, hFc-tagged, Low Endotoxin

Cat. No. PTK7-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTK7 protein(Q13308-1)(Ala31-Thr704), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	31-704 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 PTK7, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-PTK7 Antibody, hFc Avi Tag with the EC50 of 24.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 100.56 kDa. Due to glycosylation, the protein migrates to 110-130 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; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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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 PTK7 PTK7 protein tyrosine kinase 7 [Homo sapiens]

Official Symbol PTK7

Synonyms PTK7; PTK7 protein tyrosine kinase 7; inactive tyrosine-protein kinase 7; CCK4; CCK-4; colon carcinoma kinase 4; colon carcinoma kinase-4; protein-tyrosine kinase 7; tyrosine-protein kinase-like 7; pseudo tyrosine kinase receptor 7;

Gene ID 5754

mRNA Refseq NM_002821

Protein Refseq NP_002812

MIM 601890

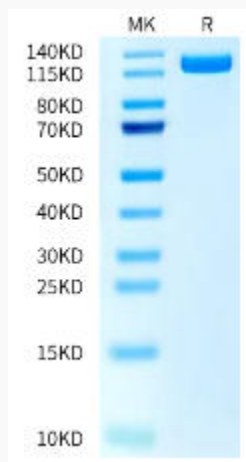
UniProt ID Q13308

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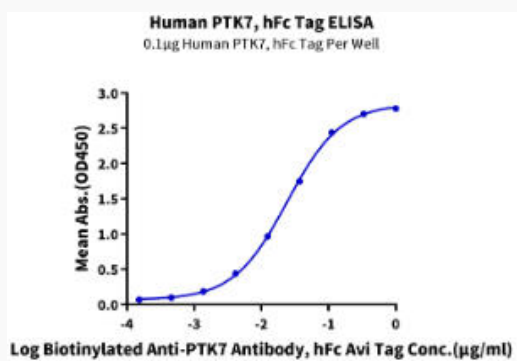
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Bis-Tris PAGE



ELISA Data



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