

Recombinant Human PTK7 protein, His-Avi-tagged, Biotinylated

Cat. No. PTK7-0637H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human PTK7 protein(Ala31-Thr704), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	31-704 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 78.2 kDa. The protein migrates as 105-115 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala31-Thr704
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. 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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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Conjugation	Biotin
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GENE INFORMATION

Gene Name	PTK7 PTK7 protein tyrosine kinase 7 [Homo sapiens]
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Official Symbol	PTK7
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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;
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Gene ID	5754
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mRNA Refseq	NM_002821
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Protein Refseq	NP_002812
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MIM	601890
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UniProt ID	Q13308
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