

## Recombinant Human PTK7 Protein, His&SUMO-tagged

Cat. No. PTK7-1202H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PTK7 Protein (Ala31-Phe333) with His&SUMO tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala31-Phe333
<b>Description</b>	This gene encodes a member of the receptor protein tyrosine kinase family of proteins that transduce extracellular signals across the cell membrane. The encoded protein lacks detectable catalytic tyrosine kinase activity, is involved in the Wnt signaling pathway and plays a role in multiple cellular processes including polarity and adhesion. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 47.3 kDa; Accurate Molecular Mass: 47 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

100mM NaHCO<sub>3</sub>, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in 100mM NaHCO<sub>3</sub>, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

PTK7 protein tyrosine kinase 7 (inactive) [ Homo sapiens (human) ]

**Official Symbol**

PTK7

**Synonyms**

PTK7; protein tyrosine kinase 7 (inactive); CCK4; CCK-4; inactive tyrosine-protein kinase 7; PTK7 protein tyrosine kinase 7; colon carcinoma kinase 4; pseudo tyrosine kinase receptor 7; tyrosine-protein kinase-like 7; EC 2.7.10.1

**Gene ID**

5754

**mRNA Refseq**

NM\_002821

**Protein Refseq**

NP\_002812

**MIM**

601890

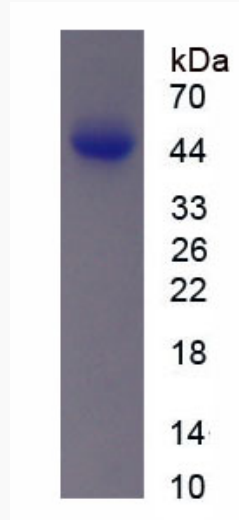
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UniProt ID

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