

# Recombinant Human PTK7 Protein, DDK/His-tagged

**Cat. No.** PTK7-667H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | Recombinant Human PTK7(Ala31-Thr704), transcript variant PTK7-1, fused with DDK/His tag at C-terminal was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 31-704 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <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>             | 1 x PBS, pH7.4, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 77 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                               |

## GENE INFORMATION

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|                 |                                                                                                                                                                                                                                          |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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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