

Recombinant Mouse Ptk7 Protein, Myc/DDK-tagged

Cat. No. Ptk7-5229M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length PTK7 protein tyrosine kinase 7 (Ptk7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity, proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.
Molecular Mass	118 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ptk7 PTK7 protein tyrosine kinase 7 [Mus musculus (house mouse)]
Official Symbol	Ptk7
Synonyms	PTK7; PTK7 protein tyrosine kinase 7; inactive tyrosine-protein kinase 7; protein chuzhoi; protein-tyrosine kinase 7; tyrosine-protein kinase-like 7; pseudo tyrosine kinase receptor 7; receptor tyrosine kinase-like protein; chz; mPTK7/CCK4; 8430404F20Rik
Gene ID	71461
mRNA Refseq	NM_175168
Protein Refseq	NP_780377
UniProt ID	Q8BKG3

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