

Recombinant Mouse PTK7 Protein, His and Myc tagged

Cat. No. PTK7-13660M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PTK7 Protein with His and Myc tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Predicted to enable cell adhesion molecule binding activity. Acts upstream of or within several processes, including animal organ development; axis elongation; and morphogenesis of an epithelium. Located in cell-cell junction and plasma membrane. Is expressed in several structures, including alimentary system; nervous system; paraxial mesenchyme; reproductive system; and sensory organ. Orthologous to human PTK7 (protein tyrosine kinase 7 (inactive)).
Molecular Mass	79 kDa
AA Sequence	<p>AVDRLQDSGAFQCWARDNVTGEEVRSTNASFNIKWIEAGPVVLKHPASEAEIQPQT QVTLRCHIDGHPRPTYQWFRDGTPLSDDQSTHTVSSRERNLTLRPASPEHSGLYSC CAHNAFGQACSSQNFTLSVADES FARVVLAPQDVVVARNEEAMFHCQFSAQPPPS LQWVFEDETPITNRSRPPHLRRAVVFANGSLLLQVPRNAGVYRCIGQGQRGPPI VLEATLHLAEIEDMLPFEP RVFIAGDEERVTC PAPQGLPTPSVWWEHAGVPLPAHG RVHQKGLELVFVTIAESDTGVYTCHASNLAGQRRQDVNITVATVPTWLRKPQDSQL EEGKPGYLHCLTQATPKPTVIWYRNQMLISED SRFEVSKNGTLRINSVEVYDGTLYR CVSSTPAGSIEA QARVQVLEKLFKFTPPPQPQCMEFDKEATVPCSATGREKPTVKW VRADGSSLPEWVTDNAGTLHFARVTRDDAGNYTCIASNEPQGQIRAHVQLTVAVFIT</p>

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FKVEPERTTVYQGHTALLRCEAQGDPKPLIQWKGKDRILDPTKLGPRMHIFQNGSLV
IHDVAPEDSGSYTCIAGNSCNIRHTEAPLLVVDKPVMESEGGSPPPYKMIQT

Endotoxin < 1.0 EU/μg of the protein as determined by the LAL method.

Purity > 90% by SDS-PAGE

Stability Samples are stable for up to twelve months from date of receipt at -70 centigrade.

Storage Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Lyophilized from sterile 20mM Tris-HCl, 500mM NaCl, pH8.0.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

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

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mRNA Refseq [NM_175168](#)

Protein Refseq [NP_780377](#)

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