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	AVDRLQDSGAFQCVARDNVTGEEVRSTNASFNIKWIEAGPVVLKHPASEAEIQPQT QVTLRCHIDGHPRPTYQWFRDGTPLSDDQSTHTVSSRERNLTLRPASPEHSGLYSC CAHNAFGQACSSQNFTLSVADESFARVVLAPQDVVVARNEEAMFHCQFSAQPPPS LQWVFEDETPITNRSRPPHLRRAVVFANGSLLLTQVRPRNAGVYRCIGQGQRGPPI VLEATLHLAEIEDMLPFEPRVFIAGDEERVTCPAPQGLPTPSVWWEHAGVPLPAHG RVHQKGLELVFVTIAESDTGVYTCHASNLAGQRRQDVNITVATVPTWLRKPQDSQL EEGKPGYLHCLTQATPKPTVIWYRNQMLISEDSRFEVSKNGTLRINSVEVYDGTLYR CVSSTPAGSIEAQARVQVLEKLKFTPPPQPQQCMEFDKEATVPCSATGREKPTVKW VRADGSSLPEWVTDNAGTLHFARVTRDDAGNYTCIASNEPQGQIRAHVQLTVAVFIT

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	FKVEPERTTVYQGHTALLRCEAQGDPKPLIQWKGKDRILDPTKLGPRMHIFQNGSLV IHDVAPEDSGSYTCIAGNSCNIRHTEAPLLVVDKPVMEDSEGPGSPPPYKMIQT
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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