

Recombinant Mouse PTK7 Protein, His-tagged

Cat. No. PTK7-2108M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PTK7 Protein is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Mouse
Source	Yeast
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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	78.6 kDa
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12

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months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name Ptk7 PTK7 protein tyrosine kinase 7 [*Mus musculus*]

Official Symbol PTK7

Synonyms PTK7; PTK7 protein tyrosine kinase 7; protein chuzhoi; chz; mPTK7/CCK4; 8430404F20Rik;

Gene ID 71461

mRNA Refseq NM_175168

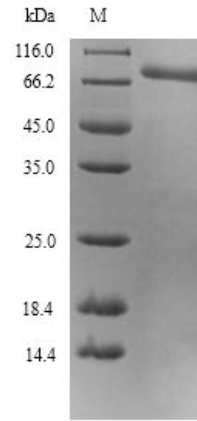
Protein Refseq NP_780377

UniProt ID Q8BKG3

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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