

Recombinant Rat Ptk7 Protein, His-tagged

Cat. No. Ptk7-2641R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ptk7 Protein (Gln502-Gln775) with a N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gln502-Gln775
Description	Predicted to enable cell adhesion molecule binding activity. Predicted to be involved in several processes, including actin cytoskeleton reorganization; cellular response to retinoic acid; and positive regulation of canonical Wnt signaling pathway. Predicted to act upstream of or within several processes, including animal organ development; axis elongation; and morphogenesis of an epithelium. Predicted to be located in membrane. Predicted to be active in cell-cell junction and plasma membrane. Orthologous to human PTK7 (protein tyrosine kinase 7 (inactive)).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.6 kDa Accurate Molecular Mass: 35 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Ptk7 protein tyrosine kinase 7 [Rattus norvegicus (Norway rat)]
Official Symbol	Ptk7
Synonyms	Ptk7; protein tyrosine kinase 7; inactive tyrosine-protein kinase 7 PTK7 protein tyrosine kinase 7 tyrosine-protein kinase-like 7 EC 2.7.10.1
Gene ID	301242
mRNA Refseq	NM_001395741
Protein Refseq	NP_001382670

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

D3ZHG3

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA