Recombinant Rat PTK7 protein, Fc-tagged

Cat. No. PTK7-0634R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat PTK7 protein(Ala23-Gln695), fused with Fc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	23-695 a.a.
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 100.7 kDa. The protein migrates as 120-140 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala23-Gln695
Endotoxin	Less than 0.1 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Ptk7 PTK7 protein tyrosine kinase 7 [Rattus norvegicus]
Official Symbol	PTK7
Synonyms	PTK7; PTK7 protein tyrosine kinase 7; tyrosine-protein kinase-like 7; serum response factor; Srf;
Gene ID	301242
mRNA Refseq	NM_001106889
Protein Refseq	NP_001100359

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