

Recombinant Cynomolgus/Rhesus PTK7 protein, His-tagged

Cat. No. PTK7-183C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus/Rhesus PTK7 protein (XP_005552998.1/NP_001248508.1) (Met1-Thr704) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Cynomolgus/Rhesus
Source	HEK293
ProteinLength	Met1-Thr704
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant cynomolgus/rhesus PTK7 consists of 685 amino acids and predicts a molecular mass of 76.1 kDa. It migrates as an approximately 96.9 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	>95% as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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