

Active Recombinant Cynomolgus/Rhesus PVRIG Protein, His-tagged

Cat. No. PVRIG-235C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus/Rhesus PVRIG Protein (XP_005549281.1/XP_014989941.2) (Thr41-Leu172) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Cynomolgus/Rhesus
Source	HEK293
ProteinLength	Thr41-Leu172
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human Nectin-2hFc at 2 µg/ml (100 µl/well) can bind Cynomolgus PVRIG(41T-172L) His, the EC50 of Cynomolgus PVRIG(41T-172L) His is 150-450 ng/mL.
Molecular Mass	The recombinant cynomolgus / rhesus PVRIG consists of 143 amino acids and predicts a molecular mass of 15.3 kDa. As a result of glycosylation, It migrates as an approximately 25-30 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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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.
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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