

PVRIG Protein, Cynomolgus, Rhesus, Recombinant (His)

General Information

Protein Construction:	A DNA sequence encoding the cynomolgus / rhesus PVRIG (XP_005549281.1/XP_014989941.2) (Thr41-Leu172) was expressed with a polyhistidine tag at the C-terminus. Predicted N terminal: Thr 41
Species:	Cynomolgus,Rhesus
Expression Host:	HEK293 Cells
Accession:	XP_005549281.1&XP_014989941.2
Molecular Weight:	15.3 kDa (predicted); 25-30 kDa (reducing condition, due to glycosylation)

QC Testing

Biological Activity:	Measured by its binding ability in a functional ELISA. Immobilized Human Nectin-2 hFc (Cat#TMPY-00746) at 2 µg/mL (100 µL/well) can bind Cynomolgus PVRIG (41T-172L) His (Cat#TMPY-06094), the EC50 of Cynomolgus PVRIG (41T-172L) His is 150-450 ng/mL.
Purity:	≥ 95 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution:	Reconstituted with sterile deionized water to 0.25 mg/mL. Reconstitution conditions may vary depending on the lot.
Stability & Storage:	It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots. <small>Actual storage temperature shall be subject to the COA.</small>
Shipping:	In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

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