

Active Recombinant Rhesus PVR protein, His-tagged

Cat. No. PVR-3714R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus PVR protein(NP_001036851.1)(Met1-Asn343), fused with His tag, was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Asn343
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by its binding ability in a functional ELISA. Immobilized Rhesus CD155 at 2 µg/ml (100 µl/well) can bind human CD226 with a linear range of 1.28-32 ng/ml.2. Immobilized TIGIT Protein, Human, Recombinant (mFc Tag) at 2 µg/ml (100 µl/well) can bind CD155/PVR Protein, Rhesus, Recombinant (His Tag), the EC50 of CD155/PVR Protein, Rhesus, Recombinant (His Tag)is 200-900 ng/mL.
Molecular Mass	The recombinant rhesus PVR consists of 327 amino acids and has a calculated molecular mass of 35.8 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 98 % as determined by SDS-PAGE

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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 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.

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