

Active Recombinant Rat PVR protein, His-tagged

Cat. No. PVR-3325R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat PVR protein(NP_058772.2)(Met1-Gly352), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Gly352
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. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized rat CD155 at 20 µg/ml (100 µl/well) can bind mouse CD226 with a linear range of 6.4-160 ng/ml.
Molecular Mass	The recombinant rat PVR comprises 330 amino acids and predicts a molecular mass of 35.8 kDa. As a result of glycosylation, the apparent molecular mass of the rat PVR is approximately 55-65 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % 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.

GENE INFORMATION

Gene Name PVR poliovirus receptor [*Rattus norvegicus*]

Official Symbol PVR

Synonyms PVR; poliovirus receptor; tumor-associated antigen 1; tumor-associated glycoprotein pE4; Taa1; Tage4;

Gene ID 25066

mRNA Refseq NM_017076

Protein Refseq NP_058772

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