

Active Recombinant Mouse PVR protein(Met1-Arg345), mFc-tagged

Cat. No. PVR-1294M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PVR (NP_081790.1) (Met1-Arg345) was expressed in HEK293 with the Fc region of Mouse IgG2a at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Arg345
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	1. Measured by its binding ability in a functional ELISA. Immobilized TIGIT Protein, Human, Recombinant (ECD, His Tag) at 2 µg/ml (100 µl/well) can bind CD155/PVR Protein, Mouse, Recombinant (mFc Tag), the EC50 of CD155/PVR Protein, Mouse, Recombinant (mFc Tag) is 25-140 ng/mL. 2. Immobilized Mouse CD155 (mFc Tag) at 2 µg/mL (100µL/well) can bind Mouse TIGIT-His, HPLC-verified, the EC50 of Mouse TIGIT-His, HPLC-verified is 300-900 ng/mL.
Molecular Mass	The recombinant Mouse PVR consists of 550 amino acids and predicts a molecular mass of 60.78 kDa.
Endotoxin	< 1.0 EU per µg 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 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 [Mus musculus]
Official Symbol	PVR
Synonyms	PVR; poliovirus receptor; PVS; mE4; HVED; Taa1; CD155; Tage4;
Gene ID	21332

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