

Active Recombinant Mouse Pvr protein, His-tagged

Cat. No. Pvr-622M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pvr protein(NP_081790.1)(Met1-Arg345), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Arg345
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 ability to bind recombinant mouse CD226/DNAM-1.Immobilized recombinant mouse CD155/PVR at 1 µg/ml (100 µl/well) can bind recombinant mouse CD226/DNAM-1 with a linear range of 0.78-100 ng/ml.
Molecular Mass	The secreted recombinant mouse CD155 generated after removal of the signal peptide comprises 329 amino acids with a predicted molecular mass of 28 kDa. As a result of glycosylation, it migrates as an approximately 60-65 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. > 95 % as determined by SEC-HPLC.
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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