

Active Recombinant Mouse Pvr12 protein(Met1-Gly351), His-tagged

Cat. No. Pvr12-2269M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PVRL2 (NP_033016.3)(Met 1-Gly 351) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly351
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	Measured by its binding ability in a functional ELISA. 1. Immobilized mouse CD112-His at 10 µg/ml (100 µl/well) can bind biotinylated mouse DNAM1-His with a linear range of 0.156-5.0 µg/ml. 2. Immobilized mouse CD112-His at 10 µg/ml (100 µl/well) can bind mouse DNAM1-Fc with a linear range of 0.03-1.0 µg/ml.
Molecular Mass	The secreted recombinant mouse PVRL2 comprises 331 amino acids with a predicted molecular mass of 36 kDa. As a result of glycosylation, it migrates as an approximately 40-45 kDa band in SDS-PAGE under reducing conditions.
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.

GENE INFORMATION

Gene Name Pvr12 poliovirus receptor-related 2 [*Mus musculus*]

Official Symbol Pvr12

Synonyms PVRL2; poliovirus receptor-related 2; poliovirus receptor-related protein 2; hveB; mHveB; poliovirus sensitivity; poliovirus receptor homolog; herpesvirus entry mediator B; herpes virus entry mediator B; murine herpesvirus entry protein B; murine herpes virus entry protein B; MPH; Pvr; Pvs; Cd112; AI325026; AI987993; nectin-2;

Gene ID 19294

mRNA Refseq NM_001159724

Protein Refseq NP_001153196

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