

## Active Recombinant Mouse Pvrl2 protein(Met1-Gly351), His-tagged

**Cat. No.** Pvrl2-2269M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse PVRL2 (NP_033016.3)(Met 1-Gly 351) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gly351
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 98 % as determined by SDS-PAGE

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA