

## Active Recombinant Human PVRL2 protein, mFc-tagged

**Cat. No.** PVRL2-377H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PVRL2 protein(Gln 32 - Leu 360), fused with mFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln 32 - Leu 360
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5 with trehalose as protectant.
<b>Bio-activity</b>	Immobilized Human DNAM-1, Fc Tag at 5 µg/mL (100 µL/well) can bind Human Nectin-2, Mouse IgG2a Fc Tag with a linear range of 2-78 ng/mL. Immobilized Biotinylated Human PVRIG, His,Avitag at 1 µg/mL (100 µL/well) on Streptavidin precoated (0.5 µg/well) plate, bind Human Nectin-2, Mouse IgG2a Fc Tag with a linear range of 0.1-5 ng/mL.
<b>Molecular Mass</b>	This protein carries a mouse IgG2a Fc tag at the C-terminusThe protein has a calculated MW of 62.4 kDa. The protein migrates as 65-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 0.1 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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**Storage** For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**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** PVRL2 poliovirus receptor-related 2 (herpesvirus entry mediator B) [ Homo sapiens ]

**Official Symbol** PVRL2

**Synonyms** PVRL2; poliovirus receptor-related 2 (herpesvirus entry mediator B); HVEB; poliovirus receptor-related protein 2; CD112; PRR2; PVRR2; nectin-2; poliovirus receptor-like 2; herpesvirus entry protein B;

**Gene ID** 5819

**mRNA Refseq** NM\_001042724

**Protein Refseq** NP\_001036189

**MIM** 600798

**UniProt ID** Q92692

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