

Active Recombinant Human PVRL2 protein, mFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PVRL2 protein(Gln 32 - Leu 360), fused with mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 32 - Leu 360
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5 with trehalose as protectant.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>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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