

Active Recombinant Human PVRL2 protein, mFc-Avi-tagged, Biotinylated

Cat. No. PVRL2-0571H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Biotinylated Recombinant Human PVRL2 protein(Gln32-Leu360), fused with mFc and Avi tag, was expressed in HEK293.

Species Human

Source HEK293

ProteinLength 32-360 a.a.

Form Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Bio-activity

Immobilized Human PVRIG, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human Nectin-2, Mouse IgG2a Fc,Avitag with a linear range of 0.6-10 ng/mL.

Immobilized Human DNAM-1, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human Nectin-2, Mouse IgG2a Fc,Avitag with a linear range of 0.01-0.625 µg/mL.

Immobilized Biotinylated Human Nectin-2, Mouse IgG2a Fc,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Human PVRIG, His Tag with a linear range of 1-20 ng/mL.

Molecular Mass This protein carries a mouse IgG1 Fc tag at the C-terminusThe protein has a calculated MW of 64.1 kDa. The protein migrates as 70-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

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Proteinlength	Gln32-Leu360
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. 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.
Conjugation	Biotin

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

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UniProt ID

Q92692

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