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

Cat. No. PVRL2-612H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human PVRL2 protein(Gln 32 - Leu 360), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 32 - Leu 360
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Biotinylated Human Nectin-2, His,Avitag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Human PVRIG, Fc Tag with a linear range of 0.6-10 ng/mL. Immobilized Biotinylated Human Nectin-2, His,Avitag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Human DNAM-1, Fc Tag with a linear range of 0.039-0.625 μg/mL. Immobilized Biotinylated Human Nectin-2, His,Avitag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Human Nectin-3, Fc Tag with a linear range of 0.039-0.625 μg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 39.1 kDa. The protein migrates as 45-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

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Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
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.
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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