

# Active Recombinant Human PVRL2 Protein, Fc-Avi-tagged, Biotinylated

**Cat. No.** PVRL2-611H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Human Nectin-2, Fc Tag is expressed from HEK293 cells. It contains AA Gln 32 - Leu 360 (Accession # Q92692-2). This protein carries a human IgG1 Fc tag at the C-terminus, followed by a Avi tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	32-360 a.a.
<b>Predicted N Terminal</b>	Gln 32
<b>Form</b>	Lyophilized from 0.22 um filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.
<b>Bio-activity</b>	Immobilized Human TIGIT, Fc Tag at 10 ug/mL (100 uL/well) can bind Biotinylated Human Nectin-2, Fc Tag with a linear range of 0.313-10 ug/mL. Immobilized Human DNAM-1, Fc Tag at 10 ug/mL (100 uL/well) can bind Biotinylated Human Nectin-2, Fc Tag with a linear range of 0.156-5 ug/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 64.0 kDa. As a result of glycosylation, the protein migrates as 66 kDa under reducing condition, and 130 kDa under non-reducing condition (SDS-PAGE).

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<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Characteristic</b>	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	PVRL2 poliovirus receptor-related 2 (herpesvirus entry mediator B) [ Homo sapiens ]
<b>Official Symbol</b>	PVRL2
<b>Synonyms</b>	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;
<b>Gene ID</b>	5819

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<b>mRNA Refseq</b>	NM_001042724
<b>Protein Refseq</b>	NP_001036189
<b>MIM</b>	600798
<b>UniProt ID</b>	Q92692

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