

Active Recombinant Human PVRL3 Protein, Fc-Avi-tagged, Biotinylated

Cat. No. PVRL3-2187H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human Nectin-3, Fc Tag is expressed from HEK293 cells. It contains AA Gly 58 - Asp 400 (Accession # Q9NQS3-1). This protein carries a human IgG1 Fc tag at the C-terminus, followed by a Avi tag.
Species	Human
Source	HEK293
ProteinLength	58-400 a.a.
Predicted N Terminal	Leu 56 & Gly 58
Form	Lyophilized from 0.22 um filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.
Bio-activity	Immobilized Human TIGIT, Fc Tag at 10 ug/mL (100 uL/well) can bind Biotinylated Human Nectin-3, Fc Tag with a linear range of 0.102-4 ug/mL.
Molecular Mass	The protein has a calculated MW of 66.1 kDa. The protein migrates as 90-95 kDa and 100-115 kDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Characteristic	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.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	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.
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	PVRL3 poliovirus receptor-related 3 [Homo sapiens]
Official Symbol	PVRL3
Synonyms	PVRL3; poliovirus receptor-related 3; poliovirus receptor-related protein 3; CD113; CDw113; DKFZP566B0846; nectin 3; PPR3; PVRR3; PRR3; CDW113; NECTIN-3; FLJ90624; DKFZp566B0846;
Gene ID	25945
mRNA Refseq	NM_001243286
Protein Refseq	NP_001230215

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MIM	607147
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UniProt ID	Q9NQS3
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