

## Active Recombinant Human PVRL3 protein, Fc-tagged

**Cat. No.** PVRL3-0544H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PVRL3 protein(Gly58-Asp400), fused with Fc tag, was expressed in HEK293.                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 58-400 a.a.                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.                                                                                                       |
| <b>Bio-activity</b>     | Immobilized Human Nectin-1, His Tag at 2 µg/mL (100 µL/well) can bind Human Nectin-3, Fc Tag with a linear range of 5-78 ng/mL. Immobilized Human TIGIT, His Tag at 1 µg/mL (100 µL/well) can bind Human Nectin-3, Fc Tag with a linear range of 0.156-2.5 µg/mL. |
| <b>Molecular Mass</b>   | This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 64.3 kDa. The protein migrates as 80-95 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                                                          |
| <b>Proteinlength</b>    | Gly58-Asp400                                                                                                                                                                                                                                                      |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                        |

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|                       |                                                                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | >95% as determined by SDS-PAGE.                                                                                                                                               |
| <b>Storage</b>        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                |
| <b>Reconstitution</b> | 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

|                        |                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PVRL3 poliovirus receptor-related 3 [ Homo sapiens ]                                                                                                                               |
| <b>Official Symbol</b> | PVRL3                                                                                                                                                                              |
| <b>Synonyms</b>        | PVRL3; poliovirus receptor-related 3; poliovirus receptor-related protein 3; CD113; CDw113; DKFZP566B0846; nectin 3; PPR3; PVRR3; PRR3; CDW113; NECTIN-3; FLJ90624; DKFZp566B0846; |
| <b>Gene ID</b>         | 25945                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_001243286                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_001230215                                                                                                                                                                       |
| <b>MIM</b>             | 607147                                                                                                                                                                             |
| <b>UniProt ID</b>      | Q9NQS3                                                                                                                                                                             |

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