

## Active Recombinant Human PVRIG protein, His-tagged

**Cat. No.** PVRIG-565H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PVRIG protein(Thr 41 - Asp 171), fused with His tag, was expressed in HEK293.                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | Thr 41 - Asp 171                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.                                                                                                                                                                                                                                                              |
| <b>Bio-activity</b>     | Immobilized Human Nectin-2, Fc Tag at 5 µg/mL (100 µL/well) can bind Human PVRIG, His Tag with a linear range of 0.08-2.5 µg/mL. Immobilized Biotinylated Human Nectin-2, Fc,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate, can bind Human PVRIG Protein, His Tag with a linear range of 10-78 ng/mL. |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 15.7 kDa. The protein migrates as 22-30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                                                                                                                               |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>           | >90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.                                                                                                                                                                                                                                                                       |

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**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.

## GENE INFORMATION

**Gene Name** PVRIG poliovirus receptor related immunoglobulin domain containing [ Homo sapiens ]

**Official Symbol** PVRIG

**Synonyms** PVRIG; poliovirus receptor related immunoglobulin domain containing; transmembrane protein PVRIG; C7orf15; MGC2463; poliovirus receptor-related immunoglobulin domain-containing protein; MGC104322; MGC138295; MGC138297;

**Gene ID** 79037

**mRNA Refseq** NM\_024070

**Protein Refseq** NP\_076975

**UniProt ID** Q6DKI7

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