

Active Recombinant Human PVRIG protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PVRIG protein(Thr 41 - Asp 171), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Thr 41 - Asp 171
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>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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