

Active Recombinant Human PVRIG protein, mFc-Avi-tagged, Biotinylated

Cat. No. PVRIG-0604H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human PVRIG protein(Thr41-Asp171), fused with mFc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	41-171 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Nectin-2, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human PVRIG, Mouse IgG2a Fc,Avitag with a linear range of 0.02-0.313 µg/mL. Immobilized Human Nectin-2, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human PVRIG, Mouse IgG2a Fc,Avitag with a linear range of 19.5-156 ng/mL. Immobilized Biotinylated Human PVRIG, Mouse IgG2a Fc,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Human Nectin-2, Fc Tag with a linear range of 0.6-2 ng/mL.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 42.4 kDa. The protein migrates as 45-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

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Proteinlength	Thr41-Asp171
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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	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

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UniProt ID

Q6DKI7

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