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

Cat. No. PVRIG-523HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human PVRIG protein(Thr 41 - Asp 171), fused with Fc and Avi 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 Biotinylated Human PVRIG, Fc,Avitag at 5 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Human Nectin-2, Mouse IgG2a Fc Tag with a linear range of 0.1-3 ng/mL. Immobilized Biotinylated Human PVRIG, Fc,Avitag at 5 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Human Nectin-2, His Tag with a linear range of 0.02-0.313 μg/mL. Immobilized Human Nectin-2, His Tag at 10 μg/mL (100 μL/well) can bind Biotinylated Human PVRIG, Fc,Avitag with a linear range of 0.005-0.313 μg/mL. Immobilized Human Nectin-2, Fc Tag at 10 μg/mL (100 μL/well) can bind Biotinylated Human PVRIG, Fc,Avitag with a linear range of 0.005-0.313 μg/mL. Immobilized Human Nectin-2, Mouse IgG2a Fc Tag at 10 μg/mL (100 μL/well) can bind Biotinylated Human PVRIG, Fc,Avitag with a linear range of 0.01-0.313 μg/mL.

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Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 41.9 kDa. The protein migrates as 50-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
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	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.
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

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mRNA Refseq	NM_024070
Protein Refseq	NP_076975
UniProt ID	Q6DKI7

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