

# 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  $\mu$ m filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

### Bio-activity

Immobilized Human Nectin-2, His Tag at 5  $\mu$ g/mL (100  $\mu$ L/well) can bind Biotinylated Human PVRIG, Mouse IgG2a Fc,Avitag with a linear range of 0.02-0.313  $\mu$ g/mL.  
Immobilized Human Nectin-2, Fc Tag at 5  $\mu$ g/mL (100  $\mu$ L/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  $\mu$ g/mL (100  $\mu$ L/well) on streptavidin precoated (0.5  $\mu$ g/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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<b>Proteinlength</b>	Thr41-Asp171
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
<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.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	PVRIG poliovirus receptor related immunoglobulin domain containing [ Homo sapiens ]
<b>Official Symbol</b>	PVRIG
<b>Synonyms</b>	PVRIG; poliovirus receptor related immunoglobulin domain containing; transmembrane protein PVRIG; C7orf15; MGC2463; poliovirus receptor-related immunoglobulin domain-containing protein; MGC104322; MGC138295; MGC138297;
<b>Gene ID</b>	79037
<b>mRNA Refseq</b>	NM_024070
<b>Protein Refseq</b>	NP_076975

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UniProt ID

Q6DKI7

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