

Recombinant Human PVRIG protein(Thr41-Leu172), hFc&Avi-tagged, Biotinylated

Cat. No. PVRIG-2395H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PVRIG (Q6DKI7-1)(Thr41-Leu172) was expressed in HEK293 with a c-terminal AVI tagged Fc region of Human IgG1 at the C-terminus (Fc-AVI). The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed.
Species	Human
Source	HEK293
ProteinLength	Thr41-Leu172
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human Nectin-2 hFc at 2 µg/mL (100 µL/well) can bind Human PVRIG (hFc & AVI Tag), Biotinylated, the EC50 of Human PVRIG (hFc & AVI Tag), Biotinylated is 40-220 ng/mL.
Molecular Mass	The recombinant human PVRIG consists of 385 amino acids and predicts a molecular mass of 42.31 kDa. It migrates as an approximately 58.43 kDa band in SDS-PAGE under reducing conditions.

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Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. 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
UniProt ID	Q6DKI7

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