

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

Cat. No. PVRIG-617HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human PVRIG, Fc, Avi tag is expressed from human 293 cells (HEK293). It contains AA Thr 41-Asp 171 (Accession # Q6DKI7-1).
Species	Human
Source	HEK293
ProteinLength	Thr 41-Asp 171
Description	Human PVRIG (poliovirus receptor related immunoglobulin domain-containing protein), also known as CD112 receptor (CD112R), is an approximately 34 kDa single transmembrane protein in the poliovirus receptor-like protein (PVR) family. The CD112R gene encodes a putative single transmembrane protein, which is composed of a single extracellular IgV domain, one transmembrane domain, and a long intracellular domain. Notably, the intracellular domain of phatases. The extracellular domain sequence of human and mouse CD112R have 65.3% similarity. CD112R may act as a coinhibitory receptor that suppresses T-cell receptor-mediated signals.
Predicted N Terminal	Thr 41
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 41.9 kDa. The protein migrates as 50-58 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

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Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage 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
Official Symbol	PVRIG
Synonyms	C7orf15, C7orf15MGC138295, CD112R, MGC104322, MGC138297, MGC2463, PVRIG, CD112 receptor
Gene ID	79037
mRNA Refseq	NM_024070.3
Protein Refseq	NP_076975.2

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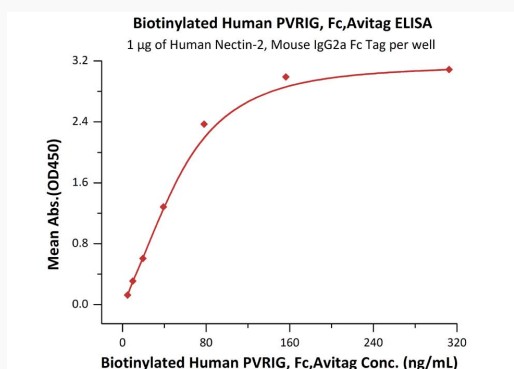
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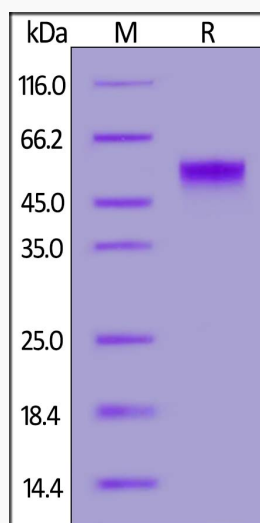
MIM 617012

UniProt ID Q6DKI7

Bioactivity-ELISA of PVRIG-617HB



SDS-PAGE of PVRIG- 617HB



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