

# 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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<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	<p>For long term storage, the product should be stored at lyophilized state at -20°C or lower.</p> <p>Please avoid repeated freeze-thaw cycles.</p> <p>This product is stable after storage at:</p> <p>-20°C to -70°C for 12 months in lyophilized state;            -70°C for 3 months under sterile conditions after reconstitution.</p>
<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

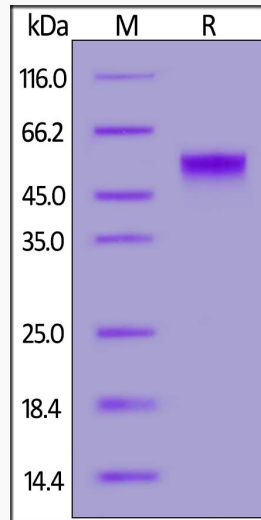
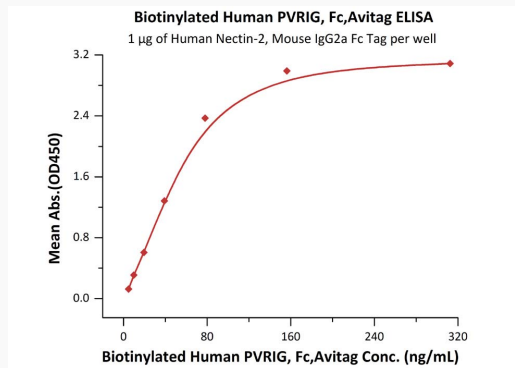
## GENE INFORMATION

<b>Gene Name</b>	PVRIG
<b>Official Symbol</b>	PVRIG
<b>Synonyms</b>	C7orf15, C7orf15MGC138295, CD112R, MGC104322, MGC138297, MGC2463, PVRIG, CD112 receptor
<b>Gene ID</b>	79037
<b>mRNA Refseq</b>	NM_024070.3
<b>Protein Refseq</b>	NP_076975.2

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**MIM** 617012**UniProt ID** Q6DKI7**SDS-PAGE of PVRIG-617HB****Bioactivity-ELISA of PVRIG-617HB** Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA