

Active Recombinant Human PVRL2 protein, Fc-tagged

Cat. No. PVRL2-608H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PVRL2 protein(Met 1-Leu 360)(NP_002847.1) was expressed in Human Cells, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	1-360 aa
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant human CD112 at 20 µg/ml (100 µl/well) can bind biotinylated DNAM1 with a linear range of 0.078-5 µg/ml.
Molecular Mass	The recombinant mature human CD112/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 567 amino acids and has a calculated molecular mass of 62.3 kDa. As a result of glycosylation, the rh CD112/Fc monomer migrates as an approximately 70-80 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE and SEC-HPLC Analysis.

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Storage Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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.

GENE INFORMATION

Gene Name PVRL2 poliovirus receptor-related 2 (herpesvirus entry mediator B) [Homo sapiens]

Official Symbol PVRL2

Synonyms PVRL2; poliovirus receptor-related 2 (herpesvirus entry mediator B); HVEB; poliovirus receptor-related protein 2; CD112; PRR2; PVRR2; nectin-2; poliovirus receptor-like 2; herpesvirus entry protein B;

Gene ID 5819

mRNA Refseq NM_001042724

Protein Refseq NP_001036189

MIM 600798

UniProt ID Q92692

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