Active Recombinant Human PVRL2 protein

Cat. No. PVRL2-610H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PVRL2 protein(NP_002847.1)(Met 1-Leu 360) with quinary-aa peptide (DDDDK) at the C-terminus was expressed and purified in Human Cells.
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 human CD112 at 10 μg/ml (100 μl/well) can bind human DNAM1-Fch with a linear range of 1.25-10 μg/ml.
Molecular Mass	The recombinant human CD112 comprises 335 amino acids and has a calculated molecular mass of 36.2 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 48 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.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

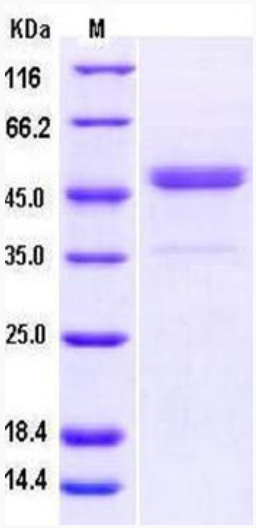
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	aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before 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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SDS-PAGE	

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