

Active Recombinant Human PVRL1 protein, His-tagged

Cat. No. PVRL1-3136H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PVRL1 protein(NP_002846.3)(Met 1-Thr 334) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-334 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized PVRL3 at 1 µg/ml (100 µl/well) can bind biotinylated recombinant human PVRL1 / Nectin-1 with a linear range of 6.4-800 ng/ml.
Molecular Mass	The recombinant human PVRL1 consists of 315 amino acids and predicts a molecular mass of 35.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhPVRL1 is approximately 45-50 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
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-

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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 PVRL1 poliovirus receptor-related 1 (herpesvirus entry mediator C) [Homo sapiens]

Official Symbol PVRL1

Synonyms

PVRL1; poliovirus receptor-related 1 (herpesvirus entry mediator C); ED4, HVEC; poliovirus receptor-related protein 1; CD111; CLPED1; HIgR; nectin; OFC7; PRR; PRR1; PVRR1; SK 12; nectin 1; poliovirus receptor-like 1; herpesvirus Ig-like receptor; herpes virus entry mediator C; ectodermal dysplasia 4 (Margarita Island type); ED4; HVEC; PVRR; SK-12; nectin-1; MGC16207; MGC142031;

Gene ID 5818

mRNA Refseq NM_002855

Protein Refseq NP_002846

MIM 600644

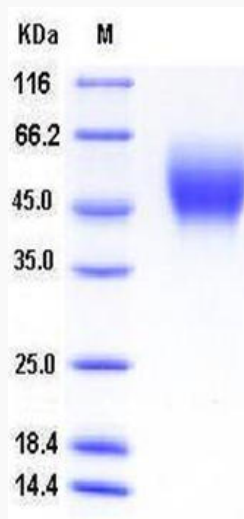
UniProt ID Q15223

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SDS-PAGE



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