

Active Recombinant Human PVRL1 protein, Fc-tagged

Cat. No. PVRL1-0568H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PVRL1 protein(Gln31-Thr334), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	31-334 a.a.
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Nectin-3, His Tag at 5 µg/mL (100 µL/well) can bind Human Nectin-1, Fc Tag with a linear range of 0.6-20 ng/mL. Immobilized Biotinylated Human Nectin-4, His,Avitag at 1 µg/mL (100 µL/well) on Streptavidin precoated (0.5 µg/well) plate, can bind Human Nectin-1, Fc Tag with a linear range of 2-40 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 60.4 kDa. The protein migrates as 66-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gln31-Thr334
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. 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	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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