

Datasheet for ABIN5854490
PVRL1 Protein (AA 31-355) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	PVRL1
Protein Characteristics:	AA 31-355
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PVRL1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPQVVQVND SMYGFIGTDV VLHCSFANPL PSVKITQVTW QKSTNGSKQN VAIYNPSMGV SVLAPYRERV EFLRPSFTDG TIRLSRLELE DEGVYICEFA TFPTGNRESQ LNLTVMAKPT NWIEGTQAVL RAKKGQDDKV LVATCTSANG KPPSVVSWET RLGGEAEYQE IRNPNGTVTV ISRYRLVPSR EAHQQSLACI VNYHMDFKE SLTLNVQYEP EVTIEGFDGN WYLQRMDVKL TCKADANPPA TEYHWTTLNG SLPKGVEAQN RTLFFKGPIN YSLAGTYICE ATNPIGTRSG QVEVNITEFP YTPSPPEHGR RAGPVPTAHH HHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	PVRL1
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Target Details

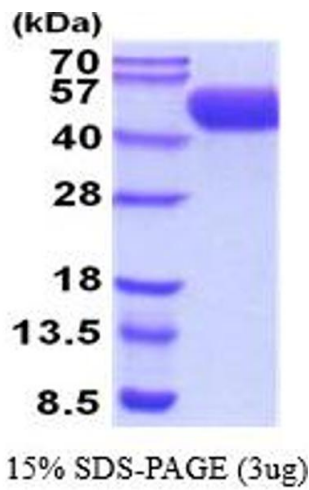
Alternative Name:	Nectin-1 (PVRL1 Products)
Background:	Nectin-1, also known as PVRL1, is a poliovirus receptor- related 1 protein which belongs to the nectin family. This protein promotes cell-cell contacts by forming homophilic or heterophilic trans-dimers. Heterophilic interactions have been detected between PVRL1/nectin-1 and PVRL3/nectin-3 and between PVRL1/nectin-1 and PVRL4/nectin-4. It functions as an entry receptor for herpes simplex virus and pseudorabies virus. Also, PVRL1 has some neurite outgrowth-promoting activity. Recombinant human PVRL1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	37.3kDa (334aa) 40-57kDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_002846
UniProt:	Q15223
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.