

Datasheet for ABIN6388083

Poliovirus Receptor Protein (PVR) (AA 21-343) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Poliovirus Receptor (PVR)
Protein Characteristics:	AA 21-343
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Poliovirus Receptor protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	WPPPGTGDVV VQAPTQVPGF LGDSVTLPCY LQVPNMEVTH VSQLTWARHG ESGSMAVFHQ TQGPSYSESK RLEFVAARLG AELRNASLRM FGLRVEDEGN YTCLFVTFPQ GRSRVDIWL VLAKPQNTAE VQKVQLTGEP VPMARCVSTG GRPPAQITWH SDLGGMPNTS QVPGFLSGTV TVTSLWILVP SSQVDGKNVT CKVEHESFEK PQLLTVNLTV YYPEVSISG YDNNWYLGQN EATLTCDARS NPEPTGYNWS TTMGPLPPFA VAQGAQLLIR PVDKPINTTL ICNVTNALGA RQAEALTQVK EGPPSEHSGM SRNLEHHHHH H
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	Poliovirus Receptor (PVR)
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Target Details

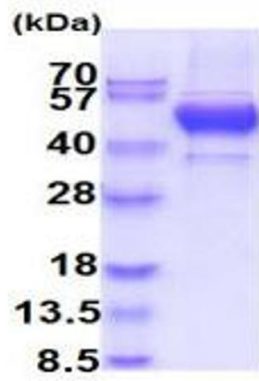
Alternative Name:	PVR (PVR Products)
Background:	PVR, also known as poliovirus receptor isoform alpha, is a Type I transmembrane glycoprotein in the immunoglobulin superfamily. It catalyzes a large structural change in the virus that exposes membrane-binding protein chains. It plays an important regulatory role in helper T cell differentiation and allergic diseases. It is expressed in many types of human cells and has diverse functions. It may be potentially useful as a biomarker for cancer development and progression. It may play a critical role through both immunological and non-immunological mechanisms in pancreatic cancer. Recombinant human PVR, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	36.1kDa (331aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_006496
UniProt:	P15151
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cell-Cell Junction Organization , Cancer Immune Checkpoints , SARS-CoV-2 Protein Interactome

Application Details

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

Handling

Format:	Liquid
Concentration:	1 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.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.