

Recombinant human CD155/PVR protein

Catalog Number: ATGP3644

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

21-343aa

UniProt No.

P15151

NCBI Accession No.

NP_006496

Alternative Names

Poliovirus receptor isoform alpha, PVR, CD155, HVED, Necl-5, NECL5, PVS, TAGE4, PVR cell adhesion molecule, Nectin-like protein 5

PRODUCT SPECIFICATION

Molecular Weight

36.1 kDa (331aa)

Concentration

1mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

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

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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.

Amino acid Sequence

WPPPGTGDVV VQAPTQVPGF LGDSVTLP CY LQVPNMEVTH VSQLTWARHG ESGSMAVFHQ TQGPSYSESK RLEFVAARLG
AELRNASLRM FGLRVEDEGN YTCLFVTFPQ GRSVDIWLR VLAKPQNTAE VQKVQLTGEP VPMARCVSTG GRPPAQITWH
SDLGGMPNTS QVPGFLSGTV TVTSLWILVP SSQVDGKNVT CKVEHESFEK PQLLTVNLT V YYPPEVSISG YDNNWYLGQN
EATLTCDARS NPEPTGYNWS TTMGPLPPFA VAQGAQLLIR PVDKPINTL ICNVTNALGA RQAE LTVQVK EGPPSEHSGM
SRNLEHHHHH H

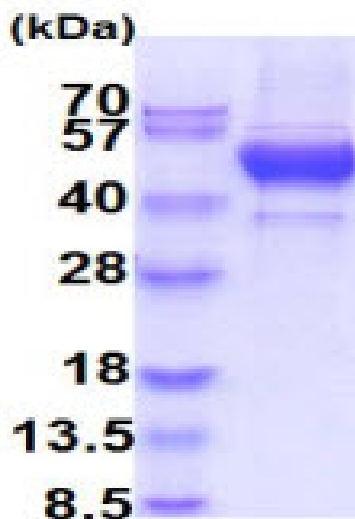
General References

Nishiwada S., et al. (2015) *Anticancer Res.* 35:2287-2297.

Strauss M., et al. (2015) *J Virol.* 89:4143-4157.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)