

PVALB Human

Parvalbumin Human Recombinant
RCP1743

Product Overview

Name PVALB Human

Description

Parvalbumin Human Recombinant

Accession (Primary) [P20472](#)

Synonyms

Poliovirus receptor, Nectin-like protein 5, NECL-5, CD155, PVR, PVS.

Introduction

Poliovirus receptor, also known as PVR, is a Type I transmembrane glycoprotein which belongs to the immunoglobulin superfamily. PVR catalyzes a big structural modification in the virus which exposes membrane-binding protein chains. PVR regulates helper T cell differentiation as well as allergic diseases. PVR is expressed in many kinds of human cells and has various functions. PVR is potentially functional as a biomarker for cancer development as well as progression. PVR takes a vital part through both immunological & non-immunological mechanisms in pancreatic cancer.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

PVR protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

WPPPGTGDVV VQAPTQVPGF LGDSVTLPCY LQVPNMEVTH VSQLTWARHG ESGSMAVFHQ TQGPSYSESK
RLEFVAARLG AELRNASLRM FGLRVEDEGN YTCLFVTFPQ GSRSVDIWLR VLAKPQNTAE VQKVQLTGEP
VPMARCVSTG GRPPAQITWH SDLGGMPNTS QVPGFLSGTV TVTSLWILVP SSQVDGKNVT CKVEHESFEK
PQLLTVNLTV YYPPEVSISG YDNNWYLGQN EATLTCDARS NPEPTGYNWS TTMGPLPPFA VAQGAQLLIR

PVDKPINTTL ICNVTNALGA RQAELTVQVK EGPPSEHSGM SRN LEHHHHH H

Precautions

PVALB Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([P20472](#))