

32-13371: PVR Human

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

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

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.

PVR Human Recombinant produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 331 amino acids (21-343 a.a.) and having a molecular mass of 36.1kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). PVR is expressed with an 8 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.Â

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

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

Storage condition : 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.

Amino Acid : WPPPGTGDVV VQAPTQVPGF LGDSVTLP CY LQVPNMEVTH VSQLTWARHG ESGSMVAFHQ
TQGPSYSESK RLEFVAARLG AELRNASLRM FGLRVEDEGN YTCLFVTFPQ GSRSVDIWLR VLAKPQNTAE
VQKVQLTGEP VPMARCVSTG GRPPAQITWH SDLGGMPNTS QVPGFLSGTV TVTSLWILVP
SSQVDGKNVT CKVEHESFEK PQLLTVNLTV YYPPEVSISG YDNNWYLGQN EATLTCDARS NPEPTGYNWS
TTMGPLPPFA VAQGAQLLIR PVDKPINTTL ICNVTNALGA RQAEITVQVK EGPPSEHSGM SRNLEHHHHH
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