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DATA SHEET

Poliovirus Receptor Human Recombinant

Item Number	rAP-4342
Synonyms	Poliovirus receptor, Nectin-like protein 5, NECL-5, CD155, PVR, PVS.
Description	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
Uniprot Accesion Number	P15151
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 SRNLEHHHHH H
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	PVR protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only