

Recombinant Human Poliovirus Receptor

Cat. No. PVR-4761H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PVR was fused with a C-terminal 6-His tag and has a calculated MW of 35.3 KDa. DTT-reduced protein migrates as 60-70 kDa polypeptide in SDS-PAGE.
Species	Human
Source	HEK293
Description	PVR is a Type I transmembrane glycoprotein in the immunoglobulin superfamily. Commonly known as Poliovirus Receptor (PVR) due to its involvement in the cellular poliovirus infection in primates, CD155's normal cellular function is in the establishment of intercellular adherens junctions between epithelial cells
Form	Bulk protein in a 0.22 µm f itered solution of PBS, pH7.4 and delivered as liquid formulation or lyophilized powder. Normally 5-8% trehalose and mannitol are added as protectants before lyophilization.
Purity	>95% as determined by SDS-PAGE. All lots are greater than 95% pure.
Endotoxin	Less than 1.0 EU per 1 µg of the rhCD155 by the LAL method.
Storage	Store at -80°C upon received. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	PVR poliovirus receptor [Homo sapiens]
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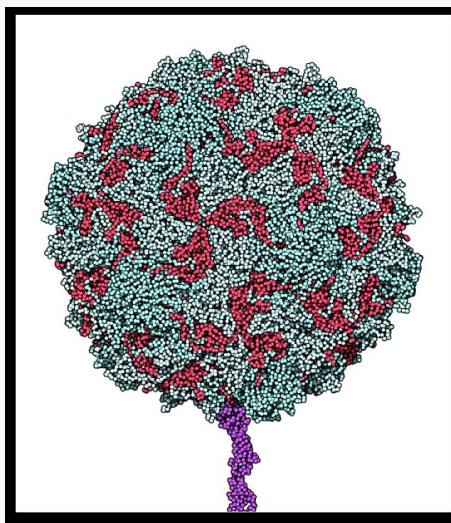
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Official Symbol	PVR
Synonyms	PVR; poliovirus receptor; PVS; HVED; CD155; NECL5; TAGE4; Nectl-5; FLJ25946; poliovirus receptor; nectin-like 5; Tage4; FLJ25946; Nectin-like protein 5; CD155 antigen; OTTHUMP00000200165; OTTHUMP00000200167; OTTHUMP00000200168
Gene ID	5817
mRNA Refseq	NM_001135768
Protein Refseq	NP_001129240
MIM	173850
UniProt ID	P15151
Chromosome Location	19q13.2
Pathway	Cell adhesion molecules (CAMs); Cell-cell adhesion systems; Adaptive Immunity Signaling; Adaptive Immunity Signaling; Nectin adhesion pathway; Nectin/Nectl trans heterodimerization
Function	cell adhesion molecule binding; protein binding; receptor activity

Poliovirus (in red
and blue) bound to
thepoliovirus
receptor CD155
(purple)



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