

## 32-7547: Recombinant Human Poliovirus Receptor/PVR/CD155 (C-6His)

**Gene :** PVR  
**Gene ID :** 5817  
**Uniprot ID :** P15151

### Description

Source: Human Cells.  
MW :36.13kD.

Recombinant Human 0 is produced by our Mammalian expression system and the target gene encoding Trp21-Asn343 is expressed with a 6His tag at the C-terminus. Poliovirus Receptor (PVR) is a 70 kDa type I transmembrane single-span glycoprotein that belongs to the nectin-like (Nect) family and was originally identified based on its ability to mediate the cell attachment and entry of poliovirus (PV), an etiologic agent of the central nervous system disease poliomyelitis. PVR contains three Ig-like extracellular domains, a transmembrane segment, and a cytoplasmic tail. The normal cellular function of PVR maybe the involvement of intercellular adhesion between epithelial cells. Alternate splicing of the PVR mRNA yields four different isoforms (a, beta, gamma, and d) with identical extracellular domains.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** WPPPGTGDVVVQAPTQVPGFLGDSVTLPCYLQVPNMEVTHVSQLTWARHGESGSMVAFHQQTGSPSYSESKR  
LEFVAARLGAELRNASLRMFGLRVEDEGNYTCLFVTFPQGSRSVDIWLRLAKPQNTAEVQKVQLTGEPVPMMA  
RCVSTGGRRPPAQITWHSDLGGMPNTSQVPGFLSGTIVTSLWILVPSSQVDGKNVTCKVEHESFEKQQLLTVN  
LTVYYPPEVSISGYDNNWYLGQNEATLTCDARSNPEPTGYNWSTTMGPLPPFAVAQGAQLLIRPVDKPIINTLIC  
NVTNALGARQAELTVQVKEGPPSEHSGMSRNVDDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.