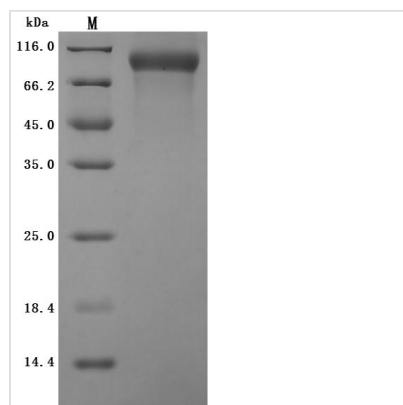


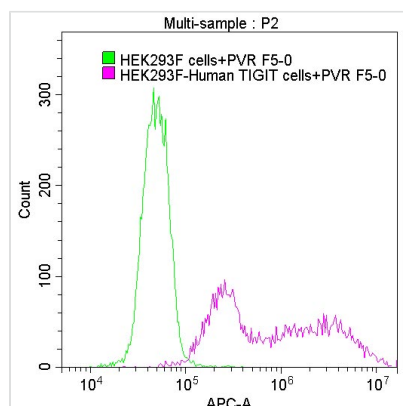


# Recombinant Human Poliovirus receptor (PVR) (I340M), partial (Active)

<b>Product Code</b>	CSB-MP019093HU(M)
<b>Abbreviation</b>	Recombinant Human PVR protein (I340M), partial (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P15151
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	FACS assay shows that Human PVR can bind to HEK293F cell overexpressing human TIGIT.
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Sequence</b>	WPPPGTGDVVVQAPTQVPGFLGDSVTLPCYLQVPNMEVTHVSQLTWARHGE SGSMAVFHQQTQGPSYSESKRLEFVAARLGAELRNASLRMFGLRVEDEGNYTC LFVTFPQGSRSVDIWLRLAKPQNTAEVQKVQLTGEPVPMARCVSTGGRPPA QITWHSDLGGMPNTSQVPGFLSGTVTVTSLWILVPSSQVDGKNVTCKVEHES FEKPQLLTVNLTVYYPPPEVSISGYDNNWYLGQNEATLTCDARSNPEPTGYNW STTMGPLPPFAVAQGAQLLIRPVDKPINNTLICNVNLTALGARQAELTVQVKEGP PSEHSGMSRN
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PVR
<b>Expression Region</b>	21-343aa(I340M)
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal hFc1-tagged
<b>Mol. Weight</b>	64.0 kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Activity

FACS assay shows that Human PVR can bind to HEK293F cell overexpressing human TIGIT.

## Description

This Human PVR (PVS) recombinant protein was produced in Mammalian cell, where the gene sequence encoding human PVR [21-343aa(I340M)] was expressed with the C-terminal hFc tag. The purity of this recombinant PVR (CD155) was greater than 95% by SDS-PAGE. The activity was validated.

PVR is expressed in a variety of tissues and cells, such as the small intestine, lung, liver, heart, spinal cord neurons, and skeletal muscle motor endplates, as well as in the notochord, floor plate, neural tube, and visual system in the central nervous system. Initial studies found that PVR molecules are highly expressed in colon cancer cells and glioblastoma cells, and more types of tumors have been studied, such as tumors of the prostate, kidney, pancreas, lung, ovary, thymus, and brain. The results show that PVR molecules are highly expressed on various tumor cells and play a role in the occurrence and development of tumors.

## Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.