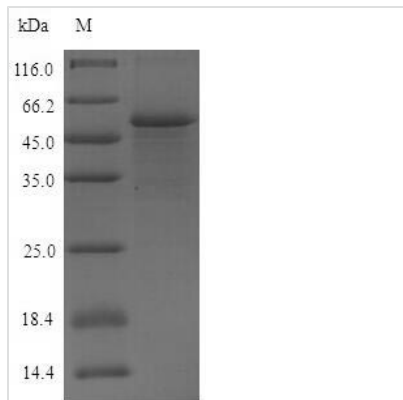




Recombinant Human Poliovirus receptor (PVR), partial

Product Code	CSB-EP019093HU
Relevance	Mediates NK cell adhesion and triggers NK cell effector functions. Binds two different NK cell receptors: CD96 and CD226. These interactions accumulates at the cell-cell contact site, leading to the formation of a mature immunological synapse between NK cell and target cell. This may trigger adhesion and secretion of lytic granules and IFN-gamma and activate cytotoxicity of activated NK cells. May also promote NK cell-target cell modular exchange, and PVR transfer to the NK cell. This transfer is more important in some tumor cells expressing a lot of PVR, and may trigger fratricide NK cell activation, providing tumors with a mechanism of immunoevasion. Plays a role in mediating tumor cell invasion and migration.
Abbreviation	Recombinant Human PVR protein, partial
Storage	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.
Uniprot No.	P15151
Alias	Nectin-like protein 5 Short name: NECL-5 CD_antigen: CD155
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	WPPPGTGDVVVQAPTQVPGFLGDSVTLPCYLQVPNMEVTHVSQLTWARHGE SGSMAVFHQQTQGPPSYSESKRLEFVAARLGAE LRNASLRMFGLRVEDEGNYTC LFVTFPQGSRSVDIWLRLAKPQNTAEVQKVQLTGEPVPMARCVSTGGRPPA QITWHS DLGGMPNTS QVPGFLSGTVTVTSLWILVPSSQVDGKNVTCKVEHES FEKPQLLTVNLT VYYPPEVSISGYDNNWYLGQNEATLTCDARSNPEPTGYNW STTMGPLPPFAVAQGAQLLIRPVDKPI NTTLICNV TNALGARQAELTVQVKEGP PSEHSGISR N
Research Area	Microbiology
Source	E.coli
Target Names	PVR
Expression Region	21-343aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	51.1kDa


Protein Length
Extracellular Domain
Image


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

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.