

Active Recombinant Human PVR, Fc-tagged, Biotinylated

Cat. No. PVR-652H Lot. No. (See product label)

SPECIFICATION

Product Overview	The recombinant human NECL5-Fc fusion protein is expressed as a 552-amino acid protein consisting of Trp21 - Asn343 region of NECL5 (UniProt accession #15151 and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	21-343 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Immobilized NECL5 interacts with CD226 in a functional ELISA
Molecular Mass	Calculated molecular mass (kDa): 60.7; Estimated by SDS-PAGE under reducing condition (kDa): 75-85
AA Sequence	<p>WPPPGTGDVVVQAPTQVPGFLGDSVTLPCYLQVPNMEVTHVSQLTWARHGESGS MAVFHQQTQGPPSYSESKRLEF VAARLGAELRNASLRMFGLRVEDEGNYTCLFVTFP QGSRSVDIWLRLVLAQPQNTAEVQKVQLTGEPVPMARCVS TGGRPPAQITWHSDLG GMPNTSQVPGFLSGTVTVTSLWILVPSSQVDGKNVTCKVEHESFEKPQLLTVNLTVY Y PPEVSISGYDNNWYLGQNEATLTCDARSNPEPTGYNWSTTMGPLPPFAVAQGAQ LLIRPVDPKPIINTLICNVN ALGARQAELTVQVKEGPPSEHSGISRNGSTGTHTCPPC</p>

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PAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVD VSHEDPEVKFNWYVDGVEVH
 NAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKA KG
 QPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
 LDSDGSFFLYSKLTVD KSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK

Endotoxin <0.1 eu per 1 µg of purified recombinant protein determined by the lal>

Purity >95% judged by SDS-PAGE under reducing condition

Storage The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below -20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

Conjugation Biotin

GENE INFORMATION

Gene Name PVR poliovirus receptor [Homo sapiens]

Official Symbol PVR

Synonyms PVR; poliovirus receptor; PVS; CD155; HVED; Necl 5; NECL5; nectin like 5; Tage4; nectin-like 5; nectin-like protein 5; TAGE4; Necl-5; FLJ25946;

Gene ID 5817

mRNA Refseq NM_001135768

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Protein Refseq	NP_001129240
MIM	173850
UniProt ID	P15151
Chromosome Location	19q13.2
Pathway	Adaptive Immune System, organism-specific biosystem; Adherens junctions interactions, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem;
Function	cell adhesion molecule binding; protein binding; receptor activity;

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