

Recombinant Human CD155/PVR/NECL5 Protein (His Tag)



Catalog Number:PKSH033563

Note: Centrifuge before opening to ensure complete recovery of vial contents.

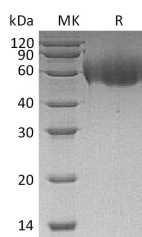
Description

| | |
|------------------------------------|---|
| Synonyms | Poliovirus Receptor;Nectin-Like Protein 5;NECL-5;CD155;PVR;PVS |
| Species | Human |
| Expression Host | HEK293 Cells |
| Sequence | Trp21-Asn343 |
| Accession | NP_006496 |
| Calculated Molecular Weight | 36.1 kDa |
| Observed molecular weight | 58 kDa |
| Tag | C-His |
| Bioactivity | Loaded Human TIGIT-Fc on Protein A Biosensor, can bind Human PVR-His with an affinity constant of 4.22 nM as determined in BLI assay. |

Properties

| | |
|-----------------------|---|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. |
| Shipping | This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C. |
| Formulation | Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. |
| Reconstitution | Not Applicable |

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Poliovirus Receptor (PVR) is a 70 kDa type I transmembrane single-span glycoprotein that belongs to the nectin-like (Necl) 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 (α ; β ; γ ; and δ) with identical extracellular domains.

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