

Recombinant Human CD155/PVR/NECL5 protein (His tag)



Catalog Number:PDMH100147

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 | Met1-Asn343 |
| Accession | P15151 |
| Calculated Molecular Weight | 37.6 kDa |
| Observed molecular weight | 60 kDa |
| Tag | C-His |

Properties

| | |
|-----------------------|---|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | Please contact us for more information. |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual. |
| Reconstitution | Please refer to the printed manual for detailed information. |

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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