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

Catalog Number: PKSH033562

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

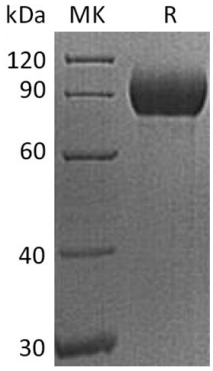
Description

Species	Human
Source	HEK293 Cells-derived Human CD155/PVR/NECL5 protein Trp21-Asn343, with an C-terminal Fc
Calculated MW	62.2 kDa
Observed MW	80-120 kDa
Accession	P15151
Bio-activity	Not validated for activity

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	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 a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 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.

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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