



Recombinant Protein Technical Manual
Recombinant Human CD155/PVR/NECL5 Protein
(His Tag)(Active)
RPES0478

Product Data:

Product SKU: RPES0478

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P15151

Protein Information:

Molecular Mass: 36.13 kDa

AP Molecular Mass: 58 kDa

Tag: C-His

Bio-activity: Immobilized Human TIGIT-Fc(Cat: PKSH033510) at 5µg/ml(100 µl/well) can bind Human PVR-His. The ED50 of Human PVR-His is 11.66 ug/ml .

Purity: > 95% as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg 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. 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: Please refer to the printed manual for detailed information.

Application: Functional ELISA

Synonyms: Poliovirus Receptor; Nectin-Like Protein 5; NECL-5; CD155; PVR; PVS

Immunogen Information:

Sequence: Trp21-Asn343(Ile340Met)

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.