



Recombinant Protein Technical Manual

Recombinant Rhesus macaque CD155/PVR/NECL5 Protein (His Tag)

RPE3726

Product Data:

Product SKU: RPE3726

Size: 10µg

Species: Rhesus macaque

Expression host: Human Cells

Uniprot: Q0MSE6

Protein Information:

Molecular Mass: 35.4 kDa

AP Molecular Mass: 50-70 kDa

Tag: C-His

Bio-activity:

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

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°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.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

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

Immunogen Information:

Sequence: Met 1-Asn 343

Background:

Poliovirus Receptor (PVR) is a 70 kDa type I transmembrane single-span glycoprotein that belongs to the nectin-like (Nect) 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.