

Recombinant Human CD155 / PVR / NECL5 Protein

Catalog Number:PKSH031867



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

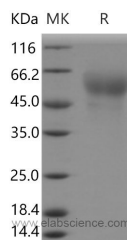
Description

Synonyms	CD155;HVED;Necl-5;NECL5;PVS;TAGE4
Species	Human
Expression Host	HEK293 Cells
Sequence	Met 1-Asn 343
Accession	NP_006496.3
Calculated Molecular Weight	35.7 kDa
Observed molecular weight	55-60 kDa
Bioactivity	Measure by its ability to bind with recombinant human DNAM1 / CD226.

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Storage	Samples are stable for up to twelve months from date of receipt at -70°C.Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
Formulation	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0
Reconstitution	Please refer to the printed manual for detailed information.

Data



Background

CD155, commonly known as PVR (poliovirus receptor) and Necl-5 (nectin-like molecule-5), is a type I transmembrane single-span glycoprotein, and belongs to the nectins and nectin-like (Necl) subfamily. CD155 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. The normal cellular function is in the establishment of intercellular adherens junctions between epithelial cells. CD155 may assist in an efficient humoral immune response generated within the intestinal immune system. It has been demonstrated that CD155 can be recognized and bond by DNAM-1 and CD96 which promote the adhesion, migration and NK-cell killing, and thus efficiently prime cell-mediated tumor-specific immunity.

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