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Recombinant Human Nectin-4 Protein

Catalog No.: RP00642 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	81607	Q96NY8

Tags
C-His

Synonyms
NECTIN4;EDSS1;LNIR;PRR4;PVRL4;nectin-4

Product Information

Source
HEK293 cells

Purification
> 95% by SDS-PAGE.

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of 20mM PB,150mM NaCl,pH7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

Nectin-4 (PVRL4) is a type I transmembrane glycoprotein which belongs to the nectin family of Ig superfamilyproteins. It contains two Ig-like C2-type domains and one Ig-like V-type domain. PVRL4 seems to be involved incell adhesion through trans-homophilic and -heterophilic interactions, the latter including specificallyinteractions with nectin-1. It does not act as receptor for alpha-herpesvirus entry into cells. It is predominantlyexpressed in placenta, the embryo and breast carcinoma. But it is not detected in normal breast epithelium.The soluble form is produced by proteolytic cleavage at the cell surface (shedding), probably by ADAM17.Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomalrecessive disorder.

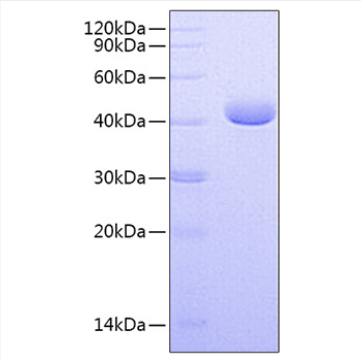
Basic Information

Description
Recombinant Human Nectin-4 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Gly31-Val351) of human PVRL4/Nectin-4/PRR4/LNIR (Accession #Q96NY8) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage
Store the lyophilized protein at -20℃ to -80 ℃ for long term.
After reconstitution, the protein solution is stable at -20 ℃ for 3 months, at 2-8 ℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human Nectin-4 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.