

PRODUCT INFORMATION

Nectin-4 **Target**

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

Recombinant human Nectin-4 protein with C-**Description**

terminal 6×His tag

Delivery In Stock Q96NY8 **Uniprot ID Expression Host HEK293** Tag C-6×His Tag

Molecular

Molecular Weight

Storage & Shipping

Background

Nectin-4(Gly32-Ser349) 6×His Tag Characterization

The protein has a predicted molecular mass of 34.9 kDa after removal of the signal peptide.The

apparent molecular mass of Nectin-4-His is approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the nectin family.

The encoded protein contains two

immunoglobulin-like (Ig-like) C2-type domains and one Ig-like V-type domain. It is involved in cell adhesion through trans-homophilic and - heterophilic interactions. It is a single-pass type I membrane produced. by proteolytic cleavage at the cell surface by the metalloproteinase ADAM17/TACE. The secreted

form is found in both breast tumor cell lines and breast tumor patients. Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomal recessive disorder. Alternatively spliced transcript variants

have been found but the full-length nature of the variant has not been determined.[provided by

RefSeq, Jan 2011]

Usage Research use only Conjugate Unconjugated

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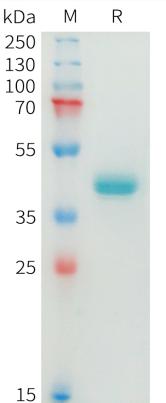


Figure 1. Human Nectin-4 Protein, His Tag on SDS-PAGE under reducing condition.

Human Nectin-4, His Tagged protein ELISA

0.2 μg of Human Nectin-4, His tagged protein per well

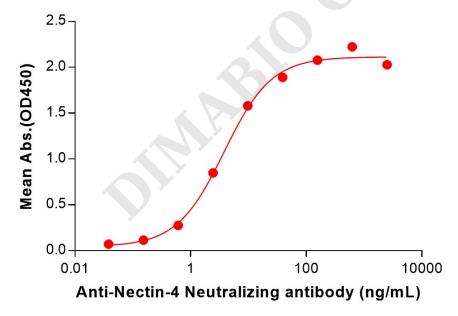


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human Nectin-4 Protein, His Tag (PME100874) can bind Anti-Nectin-4 Neutralizing antibody (BME100088) in a linear range of 0.61–39.06 ng/mL.

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