Human Nectin-4 Protein, His Tag

Cat. No. PME100874

PRODUCT INFORMATION

Target	Nectin-4
Synonyms	EDSS1;LNIR;nectin-4;PRR4;PVRL4
Description	Recombinant human Nectin-4 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q96NY8
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	Nectin-4(Gly32-Ser349) 6×His Tag
Molecular Weight	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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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 protein. The soluble form is 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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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

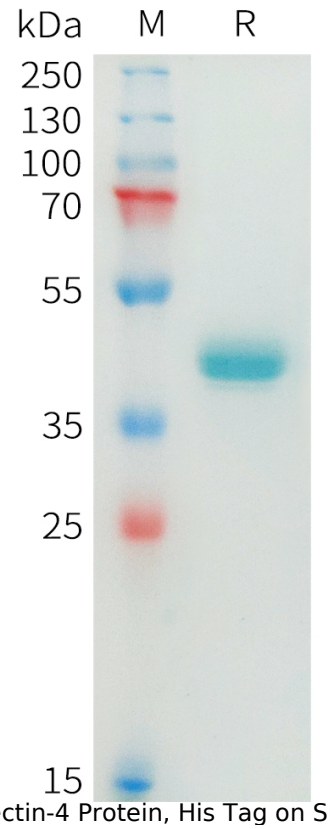


Figure 1. Human Nectin-4 Protein, His Tag on SDS-PAGE under reducing condition.

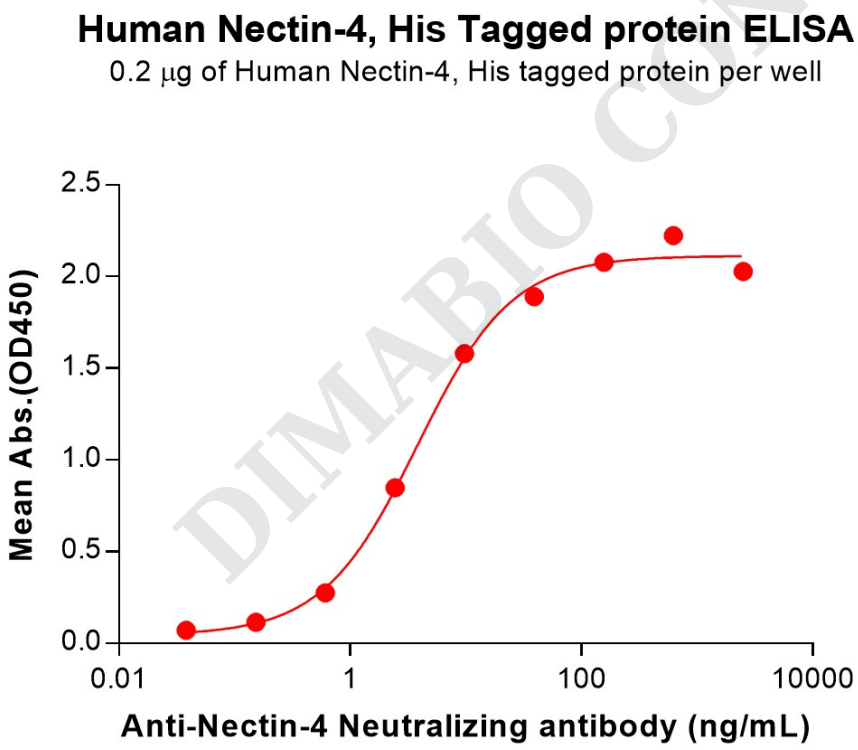


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human Nectin-4 Protein, His Tag (PME100874) can bind Anti-Nectin-4 Neutralizing antibody (BME100088) in a linear range of 0.61–39.06 ng/mL.

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