

## PRODUCT INFORMATION

<b>Target</b>	Nectin-4
<b>Synonyms</b>	EDSS1;LNIR;nectin-4;PRR4;PVRL4
<b>Description</b>	Recombinant human Nectin-4 protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q96NY8
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His Tag
<b>Molecular Characterization</b>	Nectin-4(Gly32-Ser349) 6×His Tag
<b>Molecular Weight</b>	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.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



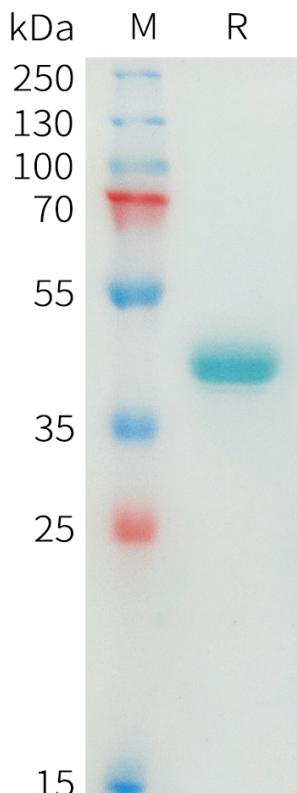
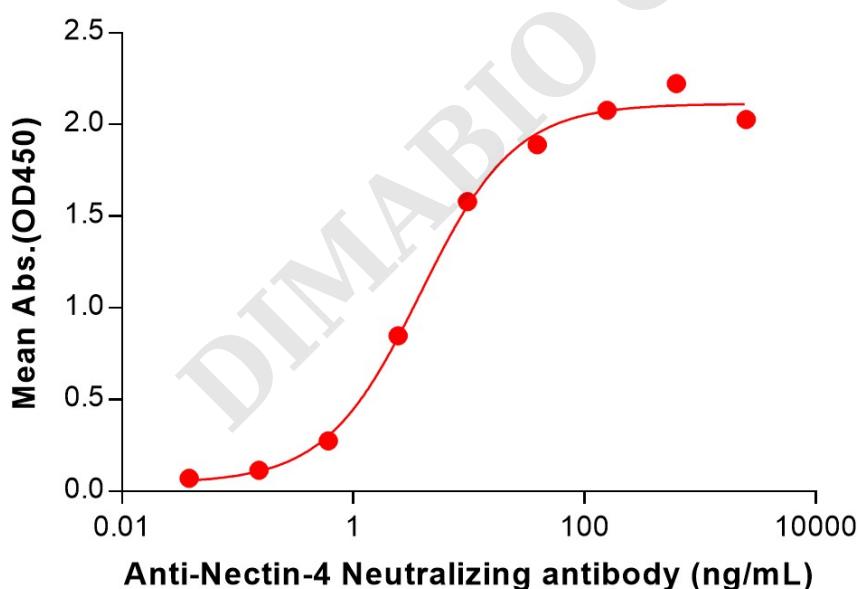


Figure 1. Human Nectin-4 Protein, His Tag on SDS-PAGE under reducing condition.

### Human Nectin-4, His Tagged protein ELISA

0.2  $\mu$ g of Human Nectin-4, His tagged protein per well

Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ 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.