## PRODUCT INFORMATION

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|---|---|
| **Target** | Nectin-4 |
| **Synonyms** | LNIR; PRR4; EDSS1; PVRL4; NECTIN4 |
| **Description** | Recombinant human Nectin-4(145-247) Protein with C-terminal human Fc tag |
| **Delivery** | In Stock |
| **Uniprot ID** | Q96NY8 |
| **Expression Host** | HEK293 |
| **Tag** | C-Human Fc tag |
| **Molecular Characterization** | Nectin-4(Val145-Glu247) hFc(Glu99-Ala330) |
| **Molecular Weight** | The protein has a predicted molecular mass of 37.0 kDa after removal of the signal peptide. The apparent molecular mass of Nectin-4(145-247)-hFc is approximately 35-55 kDa due to glycosylation. |
| **Purity** | The purity of the protein is greater than 95% 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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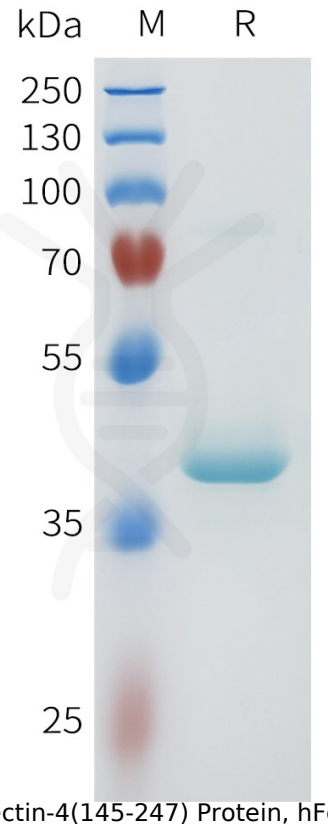



Figure 1. Human Nectin-4(145-247) Protein, hFc Tag on SDS-PAGE under reducing condition.

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