

## Recombinant Human NECTIN4 Protein (Ala31-Val317), N-His tagged

Cat. No. NECTIN4-3794H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant human NECTIN4 (Ala31-Val317) fused with the N-His tag was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Source           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ProteinLength    | Ala31-Val317                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Description      | 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. |
| Form             | Lyophilized powder/frozen liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Molecular Mass   | 33.07 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purity           | >90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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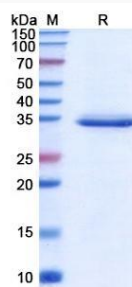
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|                         |                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | For research use only.                                                                                                                                                                               |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.              |
| <b>Storage Buffer</b>   | 0.01M PBS, pH 7.4, 0.02% NLS                                                                                                                                                                         |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                                                  |
| <b>Shipping</b>         | They are shipped out with dry ice/blue ice unless customers require otherwise.                                                                                                                       |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                      |
| <b>Gene Name</b>        | NECTIN4 nectin cell adhesion molecule 4 [ Homo sapiens (human) ]                                                                                                                                     |
| <b>Official Symbol</b>  | NECTIN4                                                                                                                                                                                              |
| <b>Synonyms</b>         | NECTIN4; nectin cell adhesion molecule 4; LNIR; PRR4; EDSS1; PVRL4; nectin-4; nectin-4; Ig superfamily receptor LNIR; nectin 4; poliovirus receptor-related 4; poliovirus receptor-related protein 4 |
| <b>Gene ID</b>          | 81607                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_030916                                                                                                                                                                                            |
| <b>Protein Refseq</b>   | NP_112178                                                                                                                                                                                            |
| <b>MIM</b>              | 609607                                                                                                                                                                                               |
| <b>UniProt ID</b>       | Q96NY8                                                                                                                                                                                               |

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**SDS-PAGE**

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