

## Recombinant Human NECTIN3 protein, His-Avi-tagged, Biotinylated

**Cat. No.** NECTIN3-190H    **Lot. No.** (See product label)

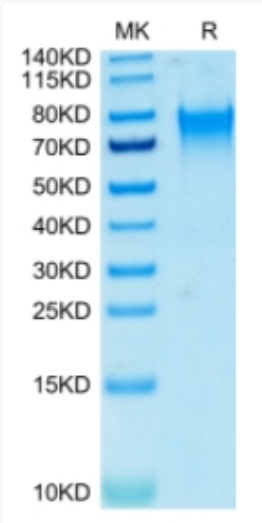
### SPECIFICATION

|                          |                                                                                                                                                                                                                                |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Biotinylated Recombinant Human NECTIN3 protein(Q9NQS3-1)(Gly58-Asp400), fused with C-terminal His and Avi tag, was expressed in HEK293.                                                                                        |
| <b>Species</b>           | Human                                                                                                                                                                                                                          |
| <b>Source</b>            | HEK293                                                                                                                                                                                                                         |
| <b>ProteinLength</b>     | Gly58-Asp400                                                                                                                                                                                                                   |
| <b>Tag</b>               | C-His-Avi                                                                                                                                                                                                                      |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                                         |
| <b>Form</b>              | Lyophilized from 0.22µm filtered solution in 20mM PB, 250mM NaCl (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                 |
| <b>Bio-activity</b>      | Immobilized Biotinylated Human Nectin-3, His Tag at 2ug/ml (100ul/well) on the streptavidin precoated plate (5ug/ml). Dose response curve for Human Nectin-1, hFc Tag with the EC50 of 3.2ng/ml determined by ELISA (QC Test). |
| <b>Molecular Mass</b>    | The protein has a predicted MW of 40.6 kDa. Due to glycosylation, the protein migrates to 68-82 kDa based on Tris-Bis PAGE result.                                                                                             |
| <b>Endotoxin</b>         | Less than 1EU per µg by the LAL method.                                                                                                                                                                                        |

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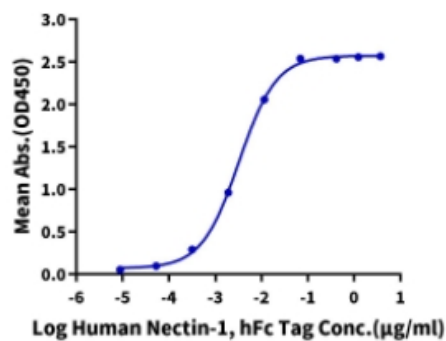
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|                       |                                                                                                                                                                                                                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC                                                                                                                                                                                                                                            |
| <b>Storage</b>        | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.                                                                                                                                                                     |
| <b>Reconstitution</b> | Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.                                                                                                                                                  |
| <b>Conjugation</b>    | Biotin                                                                                                                                                                                                                                                                                                       |
| <b>Tris-Bis PAGE</b>  |  <p>The image shows a Tris-Bis PAGE gel. On the left, molecular weight markers (MK) are labeled from 140KD down to 10KD in 15KD increments. On the right, a single protein band (R) is visible at approximately 80KD.</p> |

## ELISA Data

### Biotinylated Human Nectin-3, His Tag ELISA

0.2µg Biotinylated Human Nectin-3, His Tag Per Well



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