

# Active Recombinant Human NECTIN1 protein, His-tagged

**Cat. No.** NECTIN1-151H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <b>Product Overview</b> | Recombinant Human NECTIN1 protein(NP_002846.3)(Met1-Thr334), fused with His tag, was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | Met1-Thr334                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                                                                                                                                                      |
| <b>Bio-activity</b>     | 1. Measured by its binding ability in a functional ELISA. Immobilized PVRL3 at 1 µg/ml (100 µl/well) can bind biotinylated recombinant human PVRL1 / Nectin-1 with a linear range of 6.4-800 ng/ml.2. Immobilized Nectin 3 Protein, Human, Recombinant (ECD, hFc Tag) at 2 µg/ml (100 µl/well) can bind PVRL1/NECTIN1 Protein, Human, Recombinant (His Tag), the EC50 of PVRL1/NECTIN1 Protein, Human, Recombinant (His Tag)is 150-700 ng/mL. |
| <b>Molecular Mass</b>   | The recombinant human PVRL1 consists of 315 amino acids and predicts a molecular mass of 35.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhPVRL1 is approximately 45-50 kDa due to glycosylation.                                                                                                                                                                                                             |
| <b>Endotoxin</b>        | < 1.0 EU per                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|                       |                                                                                                                                                                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       | µg of the protein as determined by the LAL method                                                                                                                                                                                                 |
| <b>Purity</b>         | > 98 % as determined by SDS-PAGE                                                                                                                                                                                                                  |
| <b>Storage</b>        | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                     |