

# Recombinant Human NECTIN2 Protein (Met1-Gly360), C-His tagged

**Cat. No.** NECTIN2-3748H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human NECTIN2 (Met1-Gly360) fused with the C-terminal His tag was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | Met1-Gly360                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | This gene encodes a single-pass type I membrane glycoprotein with two Ig-like C2-type domains and an Ig-like V-type domain. This protein is one of the plasma membrane components of adherens junctions. It also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and it is involved in cell to cell spreading of these viruses. Variations in this gene have been associated with differences in the severity of multiple sclerosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 39.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Endotoxin</b>        | < 1.0 EU/μg of the protein as determined by the LAL method.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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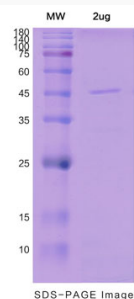
|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>   | Supplied as solution form in PBS or lyophilized from PBS.                                                                                                                                                  |
| <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>        | NECTIN2 nectin cell adhesion molecule 2 [ Homo sapiens (human) ]                                                                                                                                           |
| <b>Official Symbol</b>  | NECTIN2                                                                                                                                                                                                    |
| <b>Synonyms</b>         | NECTIN2; nectin cell adhesion molecule 2; HVEB; PRR2; CD112; PVRL2; PVRR2; nectin-2; herpesvirus entry protein B; poliovirus receptor-like 2; poliovirus receptor-related 2 (herpesvirus entry mediator B) |
| <b>Gene ID</b>          | 5819                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>      | NM_001042724                                                                                                                                                                                               |
| <b>Protein Refseq</b>   | NP_001036189                                                                                                                                                                                               |
| <b>MIM</b>              | 600798                                                                                                                                                                                                     |
| <b>UniProt ID</b>       | Q92692                                                                                                                                                                                                     |

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## SDS-PAGE



SDS-PAGE Image

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