

## Recombinant Mouse Nectin2 Protein, Myc/DDK-tagged

**Cat. No.** Nectin2-4357M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>Product Overview</b> | Purified recombinant protein of mouse full-length nectin cell adhesion molecule 2 (Nectin2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | Modulator of T-cell signaling. Can be either a costimulator of T-cell function, or a coinhibitor, depending on the receptor it binds to. Upon binding to CD226, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Upon interaction with PVRIG, inhibits T-cell proliferation. These interactions are competitive. Probable cell adhesion protein. |
| <b>Molecular Mass</b>   | 50.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                              |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                      |

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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Nectin2 nectin cell adhesion molecule 2 [ Mus musculus (house mouse) ]                                                                                                                                                                                                                                                                                                                                    |
| <b>Official Symbol</b> | <a href="#">Nectin2</a>                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | Nectin2; nectin cell adhesion molecule 2; P; MP; MPH; Pvr; Pvs; Cd112; Pvrl2; necti; AI325026; AI987993; nectin-2; nectin-2; herpes virus entry mediator B; herpesvirus entry mediator B; hveB; mHveB; murine herpes virus entry protein B; murine herpesvirus entry protein B; poliovirus receptor homolog; poliovirus receptor-related 2; poliovirus receptor-related protein 2; poliovirus sensitivity |
| <b>Gene ID</b>         | <a href="#">19294</a>                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | <a href="#">NM_001159724</a>                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | <a href="#">NP_001153196</a>                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>      | <a href="#">P32507</a>                                                                                                                                                                                                                                                                                                                                                                                    |

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