

## Recombinant Mouse Plxnc1 Protein, Myc/DDK-tagged

**Cat. No.** Plxnc1-4949M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length plexin C1 (Plxnc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                 |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                         |
| <b>Description</b>      | Receptor for SEMA7A, for vaccinia virus semaphorin A39R and for herpesvirus Sema protein. Binding of semaphorins triggers cellular responses leading to the rearrangement of the cytoskeleton and to secretion of IL6 and IL8. |
| <b>Molecular Mass</b>   | 176.9 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.                                                                                                                                                                          |

### GENE INFORMATION

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|                        |                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Plxnc1 plexin C1 [ Mus musculus (house mouse) ]                                                                                                           |
| <b>Official Symbol</b> | Plxnc1                                                                                                                                                    |
| <b>Synonyms</b>        | PLXNC1; plexin C1; plexin-C1; viral-encoded semaphorin protein receptor; virus-encoded semaphorin protein receptor; CD232; Vespr; AW742158; 2510048K12Rik |
| <b>Gene ID</b>         | 54712                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_018797                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_061267                                                                                                                                                 |
| <b>UniProt ID</b>      | Q9QZC2                                                                                                                                                    |

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