

## Recombinant Mouse Robo2 Protein, Myc/DDK-tagged

**Cat. No.** Robo2-5567M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length roundabout homolog 2 (Drosophila) (cDNA clone MGC:65719 IMAGE:6409283), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                           |
| <b>Description</b>      | Biased expression in CNS E18 (RPKM 11.3), whole brain E14.5 (RPKM 10.4) and 12 other tissues                                                                                                     |
| <b>Molecular Mass</b>   | 91 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>       | Robo2 roundabout guidance receptor 2 [ Mus musculus (house mouse) ]                                                           |
| <b>Official Symbol</b> | Robo2                                                                                                                         |
| <b>Synonyms</b>        | Robo2; roundabout guidance receptor 2; BB097918; mKIAA1568; 2600013A04Rik; 9430089E08Rik; D230004I22Rik; roundabout homolog 2 |
| <b>Gene ID</b>         | 268902                                                                                                                        |
| <b>mRNA Refseq</b>     | NM_175549                                                                                                                     |
| <b>Protein Refseq</b>  | NP_780758                                                                                                                     |
| <b>UniProt ID</b>      | Q19AB2                                                                                                                        |

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