

## Recombinant Mouse Sema4b Protein, Myc/DDK-tagged

**Cat. No.** Sema4b-5759M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B (Sema4b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Inhibits axonal extension by providing local signals to specify territories inaccessible for growing axons.
<b>Molecular Mass</b>	91.8 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

**Gene Name** Sema4b sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B [ *Mus musculus* (house mouse) ]

**Official Symbol** Sema4b

**Synonyms** Sema4b; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B; Sem; SemC; Semac; sema C; mKIAA1745; semaphorin-4B; semaphorin-C

**Gene ID** 20352

**mRNA Refseq** NM\_013659

**Protein Refseq** NP\_038687

**UniProt ID** Q62179

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