

Recombinant Mouse Sema4b protein, His-tagged

Cat. No. Sema4b-1542M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema4b aa. (Leu31~Pro240 (Accession # Q62179)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu31~Pro240
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

Storage buffer Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point 5.9

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; SemC; Semac; semaphorin-4B; mKIAA1745; sema C; semaphorin-C

Gene ID [20352](#)

mRNA Refseq [NM_013659.4](#)

Protein Refseq [NP_038687.2](#)

UniProt ID [Q62179](#)

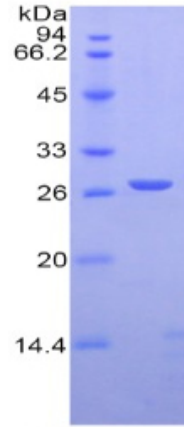
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SDS-PAGE

Mouse SEMA4B



15% SDS-PAGE

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