

Recombinant Mouse Sema5b protein, His-tagged

Cat. No. Sema5b-1912M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema5b aa. (Gly836~Leu1013 (Accession # Q60519)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gly836~Leu1013
Form	Freeze-dried powder
Molecular Mass	20 kDa 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

-80°C for 12 months.

Storage buffer Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

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

Isoelectric Point 6.2

GENE INFORMATION

Gene Name Sema5b sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5B [Mus musculus (house mouse)]

Official Symbol Sema5b

Synonyms Sema5b; sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5B; SemG; Semag; AI893641; mKIAA1445; semaphorin-5B; sema G; semaphorin-G

Gene ID 20357

mRNA Refseq NM_013661.2

Protein Refseq NP_038689.2

UniProt ID Q60519

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA