Recombinant Mouse Sema4d protein, His-tagged

Cat. No. Sema4d-6947M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema4d aa. (Phe502~Ser636 (Accession # O09126)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Phe502~Ser636
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.1.
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.

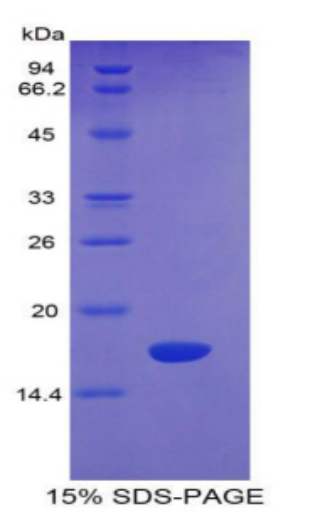
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Sema4d sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D [Mus musculus (house mouse)]
Official Symbol	Sema4d
Synonyms	Sema4d; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D; CD100; Semaj; Semcl2; coll-4; Semacl2; semaphorin-4D; M-sema G; sema J; semaphorin H; semaphorin-C-like 2; semaphorin-J
Gene ID	20354
mRNA Refseq	NM_001281880.1
Protein Refseq	NP_001268809.1
UniProt ID	O09126

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SDS-PAGE	

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