

Recombinant Mouse Sema3a protein, His & T7-tagged

Cat. No. Sema3a-1904M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema3a aa. (Arg31~Pro150 (Accession # O08665)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Arg31~Pro150
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.7kDa
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, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

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

Isoelectric Point 8.9

GENE INFORMATION

Gene Name Sema3a sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A [*Mus musculus* (house mouse)]

Official Symbol [Sema3a](#)

Synonyms Sema3a; sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A; SemD; SEMA1; Semad; coll-1; Hsema-I; semaphorin-3A; collapsin-1; sema D; sema III; semaphorin III; semaphorin-D

Gene ID [20346](#)

mRNA Refseq [NM_001243072.1](#)

Protein Refseq [NP_001230001.1](#)

UniProt ID [O08665](#)

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