

Recombinant Mouse Sema4a protein, Fc-tagged

Cat. No. Sema4a-14867M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema4a(Met1-Gln676) fused with Fc region of human IgG1 at N-terminal was expressed in CHO.
Species	Mouse
Source	CHO
ProteinLength	Met1-Gln676
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Molecular Mass	101 Kda
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="">
Purity	≥98%,by SDS-PAGE under reducing conditions.
Storage	Stable for at least 1 year after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.

GENE INFORMATION

Gene Name	Sema4a sema domain, immunoglobulin domain (Ig), transmembrane domain (TM)
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	and short cytoplasmic domain, (semaphorin) 4A [<i>Mus musculus</i>]
Official Symbol	Sema4a
Synonyms	SEMA4A; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A; semaphorin-4A; sema B; semaphorin-B; semaphorin 4A; SemB; Semab; AI132332;
Gene ID	20351
mRNA Refseq	NM_001163489
Protein Refseq	NP_001156961
MIM	
UniProt ID	Q62178
Chromosome Location	3; 3 F1
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Other semaphorin interactions, organism-specific biosystem; Semaphorin interactions, organism-specific biosystem;
Function	receptor activity;