Recombinant Mouse Sema4c Protein (Ala21-Gly664), C-Fc tagged

Cat. No. Sema4c-6797M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Sema4c (Ala21-Gly664) fused with the C-terminal Fc tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ala21-Gly664
Description	This gene encodes a member of the semaphorin family of proteins that have diverse functions in neuronal development, heart morphogenesis, vascular growth, tumor progression and immune cell regulation. Lack of the encoded protein in some mice causes exencephaly resulting in neonatal lethality. Mice that bypass exencephaly show no obvious behavioral defects but display distinct pigmentation defects. Alternative splicing of this gene results in multiple transcript variants.
Form	Lyophilized powder/frozen liquid
Molecular Mass	95.84 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

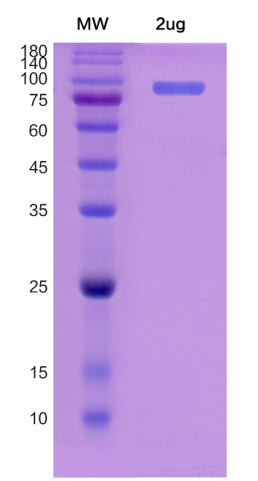
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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Sema4c sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4C [Mus musculus (house mouse)]
Official Symbol	Sema4c
Synonyms	Sema4c; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4C; Semaf; Semai; sema I; Semacl1; M-Sema F; semaphorin-4C; semaphorin I; semaphorin-C-like 1
Gene ID	20353
mRNA Refseq	NM_001126047
Protein Refseq	NP_001119519
UniProt ID	Q64151

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SDS-PAGE	 SDS-PAGE Image

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