Recombinant Mouse Sema7a protein, His-tagged

Cat. No. Sema7a-6974M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema7a aa. (Arg318~Met566) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Arg318~Met566
Form	Freeze-dried powder
Molecular Mass	32kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.3.
Applications	Positive Control; Immunogen; SDS-PAGE; WB
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.

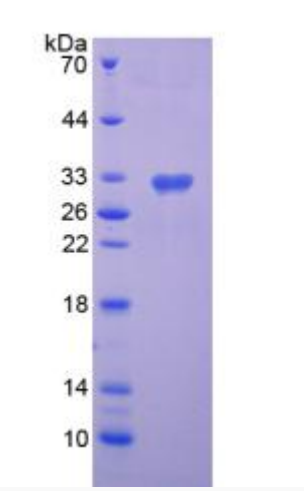
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	100mM NaHCO3, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Sema7a sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A [Mus musculus (house mouse)]
Official Symbol	Sema7a
Synonyms	Sema7a; sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A; Semal; CDw108; H-Sema-L; M-Sema-L; 2900057C09Rik; semaphorin-7A; H-Sema K1; Semaphorin K1; sema K1; sema L; semaphorin-K1; semaphorin-L
Gene ID	20361
mRNA Refseq	NM_011352.2
Protein Refseq	NP_035482.1
UniProt ID	Q9QUR8

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SDS-PAGE	

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