

Recombinant Mouse Sema5a protein(Met1-Thr765), His-tagged

Cat. No. Sema5a-8692M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema5a protein(Q3UPZ0)(Met1-Thr765), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr765
similar	Sema5a
Alias	SEMA5A; sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A; semaphorin-5A; sema F; M-Sema D; semaphorin F; semaphorin-F; semF; Semaf; AI464145; 5930434A13; 9130201M22Rik;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant mouse SEMA5A comprises 755 amino acids and has a predicted molecular mass of 85.1 kDa. The apparent molecular mass of the protein is

 Tel: 1-631-559-9269 1-516-512-3133

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	approximately 96 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	Sema5a sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A [Mus musculus]
GeneNameWeblink	20356
OfficialSymbol	Sema5a
OfficialSymbolWeblink	20356
GeneID	20356
GeneIDWeblink	20356
mRNARefseq	NM_009154
mRNARefseqWeblink	NM_009154.2

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ProteinRefseqWeblink	NP_033180.2
MIMWeblink	
UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
Synonyms	SEMA5A; sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A; semaphorin-5A; sema F; M-Sema D; semaphorin F; semaphorin-F; semF; Semaf; AI464145; 5930434A13; 9130201M22Rik;
MIM	

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