

## Recombinant Mouse SEMA7A protein, His-tagged

Cat. No. SEMA7A-14877M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse SEMA7A protein(Q9QUR8)(Gln45-Ala646), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln45-Ala646
<b>Tag</b>	C-His
<b>Form</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Molecular Mass</b>	The protein has a predicted MW of 69.5 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	Sema7a sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	SEMA7A
<b>Synonyms</b>	SEMA7A; sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A; semaphorin-7A; sema L; sema K1; H-Sema K1; semaphorin-L; Semaphorin K1; semaphorin-K1; Semal; CDw108; H-Sema-L; M-Sema-L; 2900057C09Rik;
<b>Gene ID</b>	20361
<b>mRNA Refseq</b>	NM_011352
<b>Protein Refseq</b>	NP_035482

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