

Recombinant Mouse SEMA7A protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse SEMA7A protein(Q9QUR8)(Gln45-Ala646), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Gln45-Ala646
Tag	C-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Molecular Mass	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.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	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.
Reconstitution	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

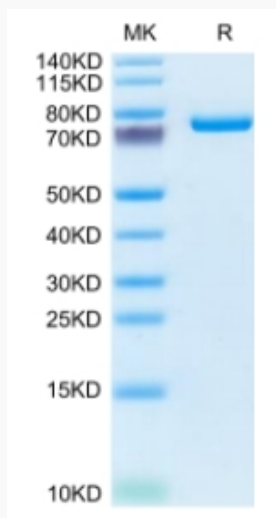
Gene Name	Sema7a sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A [<i>Mus musculus</i>]
Official Symbol	SEMA7A
Synonyms	SEMA7A; sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A; semaphorin-7A; sema L; sema K1; H-Sema K1; semaphorin-L;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

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Tris-Bis PAGE



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