

Recombinant Mouse Sema7a protein, His-tagged, Low Endotoxin

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

SPECIFICATION

Product Overview	Recombinant Mouse Sema7a protein(Q9QUR8)(45-646 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	45-646 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 69.5 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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GENE INFORMATION

Gene Name Sema7a sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A [*Mus musculus*]

Official Symbol Sema7a

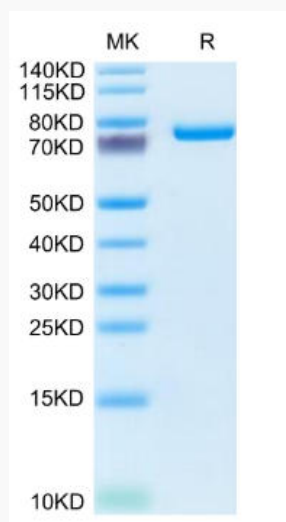
Synonyms SEMA7A; sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A; semaphorin-7A; sema L; sema K1; H-Sema K1; semaphorin-L; Semaphorin K1; semaphorin-K1; Semal; CDw108; H-Sema-L; M-Sema-L; 2900057C09Rik;

Gene ID 20361

mRNA Refseq NM_011352

Protein Refseq NP_035482

Bis-Tris PAGE



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