

Recombinant Mouse Sema3a protein, His-tagged

Cat. No. Sema3a-7972M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema3a protein(O08665)(Tyr21-Val772), fused with N-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Tyr21-Val772
Tag	N-His
Form	Lyophilized from 0.22µm filtered solution in 20mM Tris, 150mM NaCl, 100mM L-Arginine, 100mM glutamic acid (pH 8.5). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 86.6 kDa same as 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	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100

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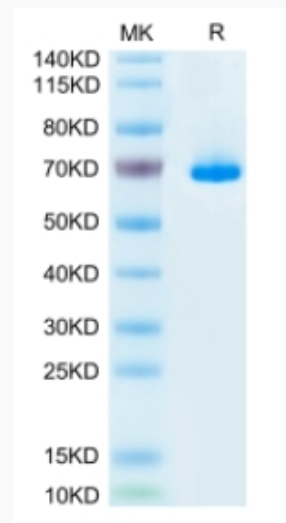
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µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	Sema3a sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A [<i>Mus musculus</i>]
Official Symbol	Sema3a
Synonyms	SEMA3A; sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A; semaphorin-3A; sema D; sema III; collapsin-1; semaphorin-D; semaphorin III; SemD; SEMA1; Semad; coll-1; Hsema-I;
Gene ID	20346
mRNA Refseq	NM_001243072
Protein Refseq	NP_001230001

Tris-Bis PAGE



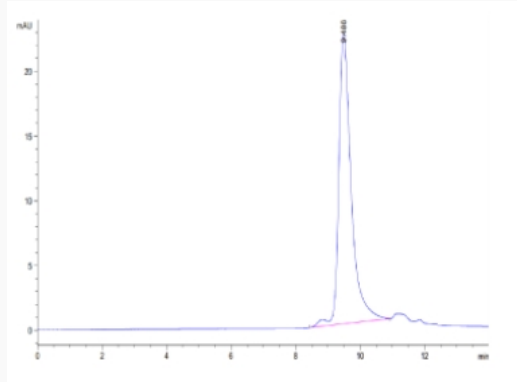
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