# Recombinant Mouse Sema3a protein, His-tagged

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

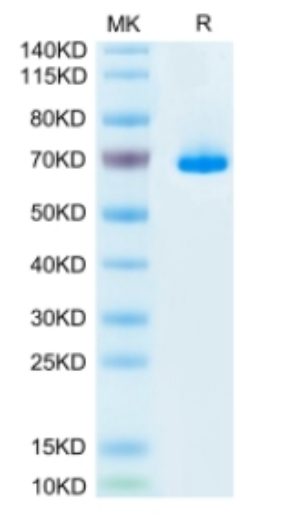
## SPECIFICATION

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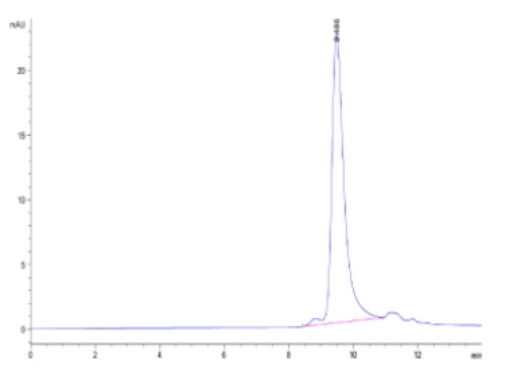
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| | μg/ml is recommended. Dissolve the lyophilized protein in distilled water. |

## GENE INFORMATION

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| **Gene Name** | Sema3a sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A [ Mus musculus ] |
| **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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| **SEC-HPLC** |  |

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