

Recombinant Mouse Sema3g protein, His-tagged

Cat. No. Sema3g-543M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema3g protein(Q4LFA9)(23-780aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	23-780a.a.
Tag	His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	88.4 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

SPGPSVPRRLRSYRDLLSTNRSAILGPRGSLDLQVMYLDEYRDRLFLGSRDALY
SLRLDQAWPDPREVLWLPQPGQKVECVRKGDPLTECANFVRVLQPHNRTHLLAC
GTGAFQPICTFITVGHRGEHVLRLDASSVENGRGRCPHEPSRPFASFVGGELYTG
LTADFLGREAMIFRSGGPRPALRSDSDQSLLEPRFVMAARIPDNSDRDDDKVYFFF
SETVPSPDGGPGHVTISRVRVCVNDAGGQRVLVNKNWSTFLKARLVCSVPGPFGA
ETHFDQLEDVFLWPKAGKSLEVYALFSTVSAVFQGFVAVCYHMDIWEVFNPFPA
HRDGPQHGWGPYGGKVPFPRPGVCPSKMTAQPGRPFGSTKDYPDEVLQFVRDHP
LMFQPVRRRGRPVLVKTHLAQRLRQIVVDRVEAEDGTVDVIFLGTDSGSVLKVIAL
QGGGLTEPEEVVLEELQVFKVPTPITEMEISVKRQTLVGSPLGVARLQLHQCETYG
SACAECCLARDPYCAWDGTACARYRPSSGKRRFRQDIRHGNPAVQCLGQGQSQ
NKAASGLMTRVFGTEHNSTFLECLPKSPQAAVRWFLQRPDGDGTDQVKTDERVVQ
TAQGLLFRRLSRHDAGNYTCTTLEHGFSQTVVRFALEVIAAVQLDSLFLRESRLEEP
SAWGLASASPKTWYKDILQLTGANLPRVDEYCERVWCRGVGERSGSFRGKGKQ
AKGKSWAGLELGKKMKSRVLAENRTPREVEAT

GENE INFORMATION

Gene Name	Sema3g sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G [<i>Mus musculus</i>]
Official Symbol	Sema3g
Synonyms	SEMA3G; sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G; semaphorin-3G; Semaphorin 3G; AK129018;
Gene ID	218877
mRNA Refseq	NM_001025379

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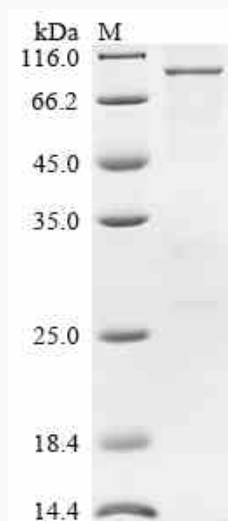
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Protein Refseq

NP_001020550

SDS-PAGE

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