

Recombinant Human semaphorin 6C Protein, His tagged

Cat. No. SEMA6C-776H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA6C Protein (25-601aa) with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-601aa
Description	This gene encodes a member of the semaphorin family. Semaphorins represent important molecular signals controlling multiple aspects of the cellular response that follows CNS injury, and thus may play an important role in neural regeneration.
Tag	C-His
Molecular Mass	63 kDa
AA Sequence	AFPQDPLPLLISDLQGTSPLSWFRGLEDDAVAAELGLDFQRFLTINRTLLVAARDHV FSFDLQAEEEGEGLVPNKYLTWRSQDVENCAVRGKLTDECYNIRVLPWDSQTLL ACGTNSFSPVCRSYGITSLQQEGEELSGQARCPFDATQSNVAIFAEGSLYSATAADF QASDAVVYRSLGPQPPLRSAKYDSKWLREPHFVQALEHGDHVVFFFREVSVEDAR LGRVQFSRVARVCKRDMGGSPRALDRHWTSFLKLRLNCSVPGDSTFYFDVLQALT GPVNLHGRSALFGVFTTQTNISIPGSAVCAFYLDIEIRGFEGKFKEQRSLDGAWTPV SEDRVPSRPGSCAGVGGAALFSSSRDLPDDVLTFIKAHPLLDPAVPPVTHQPLLTL TSRALLTQVAVDGMAGPHSNITVMFLGSNDGTVLKVLTPGGRSGGPEPILLEEIDAY

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SPARCSGKRTAQTARRIIGLELDTEGHRLFVAFSGCIVYLPLSRCARHGACQRSCLA
 SQDPYCGWHSSRGCVDIRGSGGTDVDQAGNQESMEHGDCQDGATGSQSGPGDS
 AYGVRDLPPASASRSVHHHHHHHHH

Endotoxin < 1 EU/μg by LAL

Purity > 95% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Sterile PBS, pH7.4

Concentration 1 mg/mL by BCA

GENE INFORMATION

Gene Name SEMA6C semaphorin 6C [Homo sapiens (human)]

Official Symbol SEMA6C

Synonyms SEMA6C; sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C; semaphorin-6C; KIAA1869; m Sema Y2; sema Y; semaphorin-Y; SEMAY; m-SemaY; m-SemaY2

Gene ID 10500

mRNA Refseq NM_001178061

Protein Refseq NP_001171532

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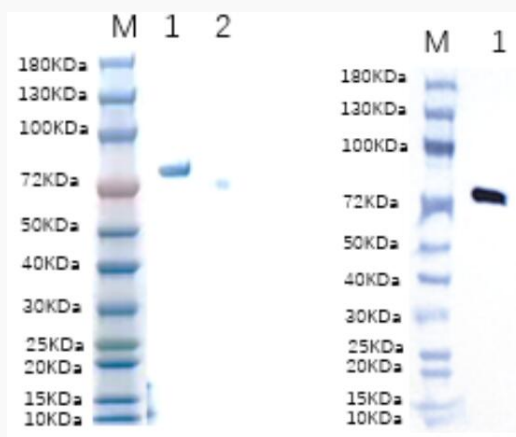
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MIM 609294

UniProt ID Q9H3T2

Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
SEMA6C.



1. SEMA6C
2. BSA

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