

Recombinant Human SEMA4B Protein, Fc/His-tagged

Cat. No. SEMA4B-352H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA4B, transcript variant 2, fused with Fc/His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	SEMA4B played an important role in many functions.
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	102kD
AA Sequence	<p>LSPRISLPLGSEERPFLRFEAEHISNYTALLLSRDGRTLYVGAREALFALSSNLSFLPG GEYQELLWGADAEEKKQQCSFKGKDPQRDCQNYIKILLPLSGSHLFTCGTAAFSPMC TYINMENFTLARDEKGNVLLEDGKGRCFPDPNFKSTALVVDGELYTGTVSSFQGN PAIRSQSLRPTKTESSLNWLQDPAFVASAYIPESLGSQGGDDDKIYFFFSETGQEFE FFENTIVSRIARICKGDEGGERVLQQRWTSFLKAQLLCSRPDGPFNVLQDVFTLS PSPQDWRDTLFGVFTSQWHRGTTEGSAVCVFTMKDVQRVFSGLYKEVNRETQQ WYTVTHPVPTPRPGACITNSARERKINSSLQLPDRVLNFLKDHFLMDGQVRSRMLLL QPQARYQRVAVHRVPGLHHTYDVLFGLTGDGRHLKAVSVGPRVHIIELQIFSSGQP VQNLLLDTHRGLLYAASHSGVVQVPMANCSLYRSCGDCLLARDPYCAWSGSSCKH VSLYQPQLATRPWIQDIEGASAKDLCSASSVSPSFVPTGEKPCEQVQFQPNVTNLT ACPLLSNLATRLWLRNGAPVNASASCHVLPTGDLLLVTGQQLGEFQCWSLEEGFQ QLVASYCPEVVEDGVADQTDEGGSPVVIISTSRVSAPAGGKASWGADRSYWKEVD</p>

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DIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVD
 VSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYK
 CKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIA
 VEWESNGQPENNYKTTTPVLDSGDGSFFLYSKLTVDKSRWQQGNVDFSCSVMHEALH
 NHYTQKSLSLSPGKHHHHHH

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

Concentration Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name SEMA4B sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B [Homo sapiens]

Official Symbol SEMA4B

Synonyms SEMA4B; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B; SEMAC; semaphorin-4B; KIAA1745; MGC131831; SemC; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, 4B;

Gene ID 10509

mRNA Refseq NM_020210

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Protein Refseq NP_064595

UniProt ID Q9NPR2

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