

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	LSPRISLPLGSEERPFLRFEAEHISNYTALLSRDGRTLYVGAREALFALSSNLSFLPG GEYQELLWGADAEEKKQQCSFKGKDPQRDCQNYIKILLPLSGSHLFTCGTAAAFSPMC TYINMENFTLARDEKGNVLLEDGKGRCFPDPNFKSTALVVDGELYTGTVSSFQGN PAISRSQSLRPTKTESSLNWLQDPAFVASAYIPESLGLSLQGDDDKIYFFFSETGQEFE FFENTIVSRIARICKGDEGGERVLQQRWTSFLKAQLLCSRPDGFPFNVLQDVFTLS PSPQDWRDTLFYGVFTSQWHRGTTEGSAVCVFTMKDVQRFVSGLYKEVNRETQQ WYTVTHPVPTPRPGACITNSARERKINSSLQLPDRVLNFLKDHFLMDGQVRSRMLLL QPQARYQRVAVHRVPGLHHTYDVLFLGTGDGRHLKAVSVGPRVHIIELQIFSSGQP VQNLLLDTHRGLLYAASHSGVVQVPMANCSLYRSCGDCLLARDPYCAWSGSSCKH VSLYQPQLATRPWIQDIEGASAKDLCSASSVSPSFVPTGEKPCEQVQFQPNTVNTL ACPLLSNLATRLWLRNGAPVNASASCHVLPTGDLLLVTGTQQLGEFQCWSLEEGFQ QLVASYCPEVVEDGVADQTDEGGSVPVIISTSRVSAPAGGKASWGADRYSYWKVEVD

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVD
VSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYK
CKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIA
VEWESNGQPENNYKTTTPVLDSGDSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq	NP_064595
----------------	-----------

UniProt ID	Q9NPR2
------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA