

Semaphorin-3B (SEMA3B) Recombinant Protein | SEMA3B recombinant protein

Recombinant Human Semaphorin-3B (SEMA3B)

CATALOG #
AAA116727

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Semaphorin-3B (SEMA3B); Recombinant Human Semaphorin-3B (SEMA3B); SEMA3B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	25-749aa; Full Length of Mature Protein
Sequence	APSPPLRLRLS FQELQAWHGL QTFSLERTCC YQALLVDEER GRLFVGAENH VASLNLDNIS KRAKKLAWPA PVEWREECNW AGKDIGTECM NFVKLLHAYN RTHLLACGTG AFHPTCAFVE VGHRAEEPVL RLDPGRIEDG KGKSPYDPRH RAASVLVGEE LYSGVAADLM GRDFTIFRSL GQRPSLRTEP HDSRWLNPEK FVKVFWIPES ENPDDDKIYF FFRETAVEAA PALGRLSVSR VGQICRNDVG GQRSLVNKWT TFLKARLVCS VPGVEGDTHF DQLQDVFLLS SRDHRTPLLY AVFSTSSSIF QGSAVCVYSM NDVRR AFLGP FAHKEGPMHQ WWSYQGRVPY PRPGMCPSKT FGTFSSTKDF PDDVIQFARN HPLMYNSVLP TGGRPLFLQV GANYTFTQIA ADRVAAADGH YDVLFIGTDV GTVLKVISVP KGSRPSA EGL LLEELHVFED SAAVTSMQIS SKRHQLYVAS RSAVAQIALH RCAAHGRVCT ECCLARDPYC AWDGVACTRF QPSAKRRFR R QDVRNGDPST LCGDSSRPA LLEHKVFGVE GSSAFLECEP RSLQARVEWT FQRAGVTAHT QVLAERTER TARGLLLRRL RRRDSGVYLC AAVEQGFTQP LRRLSLHVLS ATQAERLARA EEAAPAAPP G PKLWYRDFLQ LVEPGGGGSA NSLRMC RPQP ALQSLPLESR RKGRNRRTHA PEPR AERGPR SATHW
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for SEMA3B recombinant protein	The semaphorin collapsin family of molecules plays a critical role in the guidance of growth cones during neuronal development. The secreted protein encoded by this gene family member is important in axonal guidance and has been shown to act as a tumor suppressor by inducing apoptosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54607089
NCBI GeneID	7869
NCBI Accession #	NP_001005914.1
NCBI GenBank Nucleotide #	NM_001005914.2
UniProt Accession #	Q13214; Q6GU46; Q8TB71; Q8TDV7; Q93018; Q96GX0
Molecular Weight	83,035 Da
NCBI Official Full Name	semaphorin-3B isoform 2

NCBI Official Synonym Full Names	semaphorin 3B
NCBI Official Symbol	SEMA3B
NCBI Official Synonym Symbols	SemaA; SEMA5; SEMAA; semaV; LUCA-1
NCBI Protein Information	semaphorin-3B
UniProt Protein Name	Semaphorin-3B
UniProt Gene Name	SEMA3B
UniProt Synonym Gene Names	SEMA5; SEMAA; Sema V

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/sema3b-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116727>