

Semaphorin-3A Recombinant Protein | Sema3a recombinant protein

Recombinant Rat Semaphorin-3A

CATALOG # AAA117721	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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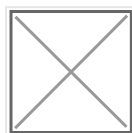
PRODUCT SYNONYMS

Semaphorin-3A; Recombinant Rat Semaphorin-3A; Semaphorin III; Sema III; Sema3a 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	21-772aa; Full Length of Mature Protein
Sequence	NYANGKNNVP RLKLSYKEML ESNNVITFNG LANSSSYHTF LLDEERSRLY VGAKDHIFS NLVNIKDFQK IWVPVSYTRR DECKWAGKDI LKECANFIKV LKAYNQTHLY ACGTGAFHPI CTYIEVGHPH EDNIFKLQDS HFENGGRGKSP YDPKLLTASL LIDGELYSGT AADFMGRDFA IFRTLGHHPH IRTEQHDSRW LNDPRFISAH LIPESDNPED DKVYFFFRN AIDGEHSGKA THARIGQICK NDFGGHRSVL NKWTTFLKAR LICSVPGPNG IDTHFDELQD VFLMNSKDPK NPVYGVFTT SSNIFKGSV CMYSMSDVRR VFLGPYHRD GPNYQWVPYQ GRVPYPRPGT CPSKTFGGFD STKDLRDDVI TFARSHPAMY NPVFPINNRP IMIKTDVNYQ FTQIVVDRVD AEDGQYDVMF IGTDVGTVLK VVSPKETWH DLEEVLEEM TVFREPTTIS AMELSTKQQQ LYIGSTAGVA QLPLHRCDIY GKACAECCLA RDPYCAWDGS SCSRYFPTAK RRTRRQDIRN GDPLTHCSDL QHHDNHHGHS LEERIIYGVE NSSTFLECSP KSQRALVYWQ FQRRNEDRKE EIRVGDHIIR TEQGLLLRSL QKKDSGNYLC HAVEHGFMQT LLKVTLEVID TEHLEELLHK DDDGDGSKTK EMSSMTPSQ KVWYRDFMQL INHPNLNTMD EFCEQVWKRD RKQRRQRPQH SQGSSNKWKH MQESKGRNR RTHEFERAPR SV
Species	Rat
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Sema3a recombinant protein	May be involved in guiding growing axons towards their targets by forming a molecular boundary that instructs axons to engage in the formation of specific nerve tracts. Binds to neuropilin. Involved in the development of the olfactory system and in neuronal control of puberty
Product Categories/Family for Sema3a recombinant protein	Cardiovascular
References	"Anatomy of rat semaphorin III/collapsin-1 mRNA expression and relationship to developing nerve tracts during neuroembryogenesis." Giger R.J., Wolfer D.P., De Wit G.M.J., Verhaagen J. J. Comp. Neurol. 375:378-392(1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	8394255
NCBI GeneID	29751
NCBI Accession #	NP_059006.1
NCBI GenBank Nucleotide #	NM_017310.1
UniProt Accession #	Q63548
Molecular Weight	90.6 kDa
NCBI Official Full Name	semaphorin-3A
NCBI Official Synonym Full Names	semaphorin 3A
NCBI Official Symbol	Sema3a
NCBI Protein Information	semaphorin-3A
UniProt Protein Name	Semaphorin-3A
UniProt Gene Name	Sema3a
UniProt Synonym Gene Names	Sema III
UniProt Entry Name	SEM3A_RAT

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/sema3a-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117721>