

Semaphorin 5B (SEMA5B) Recombinant Protein | SEMA5B recombinant protein

Recombinant Semaphorin 5B (SEMA5B)

CATALOG # AAA134406	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Semaphorin 5B (SEMA5B); Recombinant Semaphorin 5B (SEMA5B); SEMA5B recombinant protein

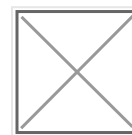
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSGSEF-LL SLVRGLLPCL PPGARTAEGP IMVLGAPLAV SLLPSLTLL VSHLSSSQDV SSEPSSEQQL CALSKHPTVA FEDLQPWVSN FTYPGARDFS QLALDPSGNQ LIVGARNYLF RLSLANVSLL QATE
Sequence Length	1151
Applicable Applications for SEMA5B recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Leu36~Glu161 (Accession # Q9P283) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	91982767
NCBI GeneID	54437

NCBI Accession #	NP_001026872.2
NCBI GenBank Nucleotide #	NM_001031702.3
UniProt Accession #	Q9P283; Q6DD89; Q6UY12; Q9NW17; A8K5U2; B7Z393; F8W9U8
Molecular Weight	14.9kDa
NCBI Official Full Name	semaphorin-5B isoform 1
NCBI Official Synonym Full Names	sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5B
NCBI Official Symbol	SEMA5B
NCBI Official Synonym Symbols	SemG; SEMAG
NCBI Protein Information	semaphorin-5B
UniProt Protein Name	Semaphorin-5B
UniProt Gene Name	SEMA5B
UniProt Synonym Gene Names	KIAA1445; SEMAG
UniProt Entry Name	SEM5B_HUMAN

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/sema5b-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134406>