

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

Recombinant Semaphorin 3B (SEMA3B)

CATALOG # AAA150770	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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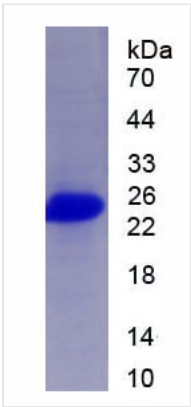
PRODUCT SYNONYMS

Semaphorin 3B (SEMA3B); Recombinant Semaphorin 3B (SEMA3B); Semaphorin 3B; LUCA-1; SEMA5; SEMAA; SemA; semaV; Semaphorin-V; Sema Domain; Immunoglobulin Domain (Ig); Transmembrane Domain (TM) and Short Cytoplasmic Domain 3B; SEMA3B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Pro573-Trp 749
Applicable Applications for SEMA3B recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	11
Subcellular Location	Secreted, Endoplasmic Reticulum
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. 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 and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

PALLEHKV FGVEGSSAFL ECEPRSLQAR
VENTFQRAGV TAHTQVLAE RTERTARGLL LRRLLRRRDSG VYLCAAVEQG
FTQPLRRLSL HVLSATQAEER LARAEAAAPA APPGPKLWYR DFLQLVEPGG
GGSANSLRMC RPQPALQSLP LESRRKGRNR RTHAPEPRAE RGPRRSATHW

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for SEMA3B recombinant protein	CD & Adhesion molecule; Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	586798180
NCBI GeneID	7869
NCBI Accession #	NP_001276989.1
NCBI GenBank Nucleotide #	NM_001290060.1
UniProt Accession #	Q13214; Q6GU46; Q8TB71; Q8TDV7; Q93018; Q96GX0
Molecular Weight	83,035 Da
NCBI Official Full Name	semaphorin-3B isoform 1
NCBI Official Synonym Full Names	semaphorin 3B
NCBI Official Symbol	SEMA3B
NCBI Official Synonym Symbols	SemA; 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://www.aaabiotech.com/sema3b-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150770>