

Semaphorin 3E Recombinant Protein | SEMA3E recombinant protein

Recombinant Semaphorin 3E (SEMA3E)

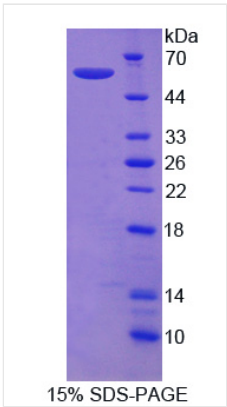
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144070	E.coli	Homo sapiens (Human)	Western Blot, SDS-Page

PRODUCT SYNONYMS

Semaphorin 3E; Recombinant Semaphorin 3E (SEMA3E); SEMA3E recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	RLRLSHKELL NLNRTSIFHS PFGFLDLHTM LLDEYQERLF VGGRDLVYSL SLERISDGYK EIHWPSTALK MEECIMKGKD AGECANYYRV LHHYNRTHLL TCGTGAFDPV CAFIRVGYHL EDPLFHLESP RSEGRGRGCP FDPSSSFIST LIGSELFAGL YSDYWSRDAA IFRSMGRLAH IRTEHDDERL LKEPKFVGSY MIPDNEDRDD NKVYFFTEK ALEAENNAHA IYTRVGRLCV NDVGGQRILV NKWSTFLKAR LVCSVPGMNG IDTYFDELED VLLPTRDHK NPVIFGLFNT TSNIFRGHAI CVYHMSSIRA AFNGPYAHKE GPEYHWSVYE GKVYPYRPGS CASKVNGGRY GTTKDYPDDA IRFARSHPLM YQAIKPAHKK PILVKTDGKY NLKQIAVDRV EAEDGQYDVL FIGTDNGIVL KVITIYNQEM ESMEEVILEE LQIFKDPVPI ISMEISSKRQ QLYIGSASAV AQVRF
Applicable Applications for SEMA3E recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Arg32~Phe516
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.9
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	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. 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.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	113199777
NCBI GeneID	20349
NCBI Accession #	NP_035478.2
NCBI GenBank Nucleotide #	NM_011348.2
Molecular Weight	Predicted Molecular Mass: 59.1kDa Accurate Molecular Mass: 59kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	semaphorin-3E
NCBI Official Synonym Full Names	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3E
NCBI Official Symbol	Sema3e
NCBI Official Synonym Symbols	Semah; AA408817; mKIAA0331; 6430702L12
NCBI Protein Information	semaphorin-3E
UniProt Protein Name	Semaphorin-3E
UniProt Gene Name	Sema3e
UniProt Synonym Gene Names	Semah; Semh; Sema H
UniProt Entry Name	SEM3E_MOUSE

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/sema3e-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144070>