

SEMA4G recombinant protein

Recombinant Human SEMA4G Protein

CATALOG # AAA263275	HOST Human cells	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot, ELISA
-------------------------------	----------------------------	----------------------------	--

PRODUCT SYNONYMS

SEMA4G; Recombinant Human SEMA4G Protein; KIAA1619; Semaphorin-4G; SEMA4G recombinant protein

PRODUCT SPECIFICATIONS

Host	Human cells
Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 uM filtered solution of PBS, pH 7.4.
Sequence	VPGPSLRPS RELDATPRMT IPYEELSGTR HFKGQAQNYSTLLLEEASAR LLVGARGALF SLSANDIGDG AHKEIHWEAS PEMQSKCHQK GKNNQTECFN HVRFLQRLNS THLYACGTHA FQPLCAAIDA EAFTLPTSFE EGKEKCPYDP ARGFTGLIID GGLYTATRYE FRSIPDIRRS RHPHSLRTEE TPMHWLNDAE FVFSVLVRES KASAVGDDDK VYYFFTERAT EEGSGSFTQS RSSHRVARVA RVCKGDLGGK KILQKKWTSF LKARLICHIP LYETLRGVCS LDAETSSRTH FYAAFTLSTQ WKTLEASAI RYDLAEIQAV FAGPYMEYQD GSRRWGRYEG GVPEPRPGSC ITDSLRSQGY NSSQDLPSLV LDFVKLHPLM ARPVVPTRGR PLLLKRNIRY THLTGTPVTT PAGPTYDLLF LGTADGWIHK AVVLGSGMHI IEETQVFRES QSVENLVISL LQHSLYVGAP SGVIQLPLSS CSRYRSCYDC ILARDPYCGW DPGTHACAAA TTIANRSQGS RTALIQDIER GNRGCESSRD TGPPPLKTR SVLRGDDVLL PCDQPSNLAR ALWLLNGSMG LSDGQGGYRV GVDGLLVTD A QPEHSGNYGC YAEENGLRTL LASYSLTVRP ATPAPAPKAP ATPGAQLAPD VRLVDHHHHH H
Applicable Applications for SEMA4G recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for SEMA4G recombinant protein	Recombinant Human SEMA4G Protein is produced by our mammalian expression system and the target gene encoding Val18-Leu680 is expressed with a 6His tag at the C-terminus.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	322302953
NCBI GeneID	57715
NCBI Accession #	NP_001190173.1
NCBI GenBank Nucleotide #	NM_001203244.1

UniProt Accession #	Q9NTN9; Q58EY1; Q9HCF3; A1A5C6; A6NJY8
NCBI Official Full Name	semaphorin-4G isoform 2
NCBI Official Synonym Full Names	semaphorin 4G
NCBI Official Symbol	SEMA4G
NCBI Protein Information	semaphorin-4G
UniProt Protein Name	Semaphorin-4G
UniProt Gene Name	SEMA4G
UniProt Synonym Gene Names	KIAA1619
UniProt Entry Name	SEM4G_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sema4g-recombinant-protein-human-cells-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263275>