

Recombinant Human SEMA4D Protein, His-tagged

Cat. No. SEMA4D-350H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA4D, transcript variant 1, fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, pH7.4
Molecular Mass	80.2kD
AA Sequence	MAFAPIPRITWEHREVHLVQFHEPDIYNYSALLLSEDKDTLYIGAREAVFAVNALNISE KQHEVYWKVSEDKKAKCAEKGKSKQTECLNYIRVLQPLSATSLYVCGTNAFQPACD HLNLTsfkFLGKNEDGKGRCFPDPAHSYTSVMVDGELYSGTSYNFLGSEPIISRNSS HSPLRTEYAIPWLNPSFVFADVIRKSPDSPDGEDDRVYFFFTEVSVEYEFVFRVLIP RIARVCKGDQGGRLTLQKKWTSFLKARLICSRPDGLVFNVL RDVFVLRSPGLKVPV FYALFTPQLNNVGLSAVCAYNLSTAEVFSHGKYMQSTTVEQSHTKWVRYNGPVPK PRPGACIDSEARAANYTSSLNLPDKTLQFVKDHPLMDDSVTPIDNRPRLIKDVDNYT QIVVDRTQALDGTVDVMFVSTDRGALHKAISLEHAVHIIETQLFQDFEPVQTLLLS SKKGNRFVYAGSNSGVVQAPLAFCGKHGTCEDCVLARDPYCAWSPPTATCVALHQ TESPSRGLIQEMSGDASVCPDKSKGSYRQHFFKHGGTAELKCSQKSNLARVFWKF QNDVLKAESPKYGLMGRKNLLIFNLSEGD SGVYQCLSEERVKNKTVFQVVAKHVLE VKVVPKPVVAPTLSVVQTEGSRIATKVLVASTQGSSPPTPAVQATSSGAILPPKPAP TGTSCEPKIVINTVPQLHSEKTMYLKSSDN RVDHHHHHH

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
GENE INFORMATION	
Gene Name	SEMA4D sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D [Homo sapiens]
Official Symbol	SEMA4D
Synonyms	SEMA4D; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D; C9orf164, chromosome 9 open reading frame 164 , SEMAJ; semaphorin-4D; CD100; coll 4; FLJ39737; M sema G; A8; GR3; BB18; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, 4D; SEMAJ; coll-4; C9orf164; M-sema-G; FLJ33485; FLJ34282; FLJ46484; MGC169138; MGC169141;
Gene ID	10507
mRNA Refseq	NM_006378
Protein Refseq	NP_006369
MIM	601866

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