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Datasheet for ABIN1097493  
**SEMA3C Protein (AA 21-738) (His tag)**

### Overview

Quantity:	50 µg
Target:	SEMA3C
Protein Characteristics:	AA 21-738
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEMA3C protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Semaphorin 3C/SEMA3C (C-6His)
Sequence:	GSSQPQARVY LTFDELRETK TSEYFSLSHH PLDYRILLMD EDQDRIYVGS KDHILSLNIN NISQEALSVF WPASTIKVEE CKMAGKDPHT GCGNFVRVIQ TFNRTHLVYC GSGAFSPVCT YLNRRGRSED QVFMIDSKCE SGKGRCSFNP NVNTVSVMIN EELFSGMYID FMGTDAAIFR SLTKRNAVRT DQHNSKWLSE PMFVDAHVIP DGTDPNDAKV YFFFKEKLT D NNRSTKQIHS MIARICPNDT GGLRSLVNKW TTFLKARLVC SVTDEDGPET HFDELEDVFL LETDNPRTTL VYGIFTTSSS VFKGSAVCVY HLSDIQTVFN GPFAHKEGPN HQLISYQGRI PYPRPGTCPG GAFTPNMRTT KEFPDDVVTF IRNHPLMYSN IYPIHKRPLI VRIGTDYKYT KIAVDRVNAA DGRYHVLFLG TDRGTVQKVV VLPTNNSVSG ELILEELEV FKNHAPITTMK ISSKKQQLYV SSNEGVSQVS LHRCHYGT A CADCCCLARDP YCAWDGHSCS RFYPTGKRRS RRQDVRHGPN LTQCRGFNLK AYRNAAEIVQ YGVKNNTTFL ECAPKSPQAS IKWLLQKDKD RRKEVKLNER IIATSQGLLI RSVQGSQGL YHCIATENSF KQTIKINFK VLDSEMVAVV TDKWSPWTWA SSVRALPFHP KDIMGAFSHS EMQMINQYCK DTRQQHQQGD ESQKMRGDYK KLKALINSVD

## Product Details

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Characteristics:	Recombinant Human Semaphorin 3C is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gly21-Ser738) of Human SEMA3C fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

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Target:	SEMA3C
Alternative Name:	semaphorin-3c ( <a href="#">SEMA3C Products</a> )
Sub Type:	Fusionprotein
Background:	<p>Semaphorin 3C is one of six Class 3 secreted semaphorins, which are potent chemorepellents, that play a role in axon and/or vascular guidance during development can be up-regulated in the process of tumor progression. Semaphorin 3C consists of a 20 amino acids signal sequence, a N-terminal Sema domain, a cysteine knot, a furine-type cleavage site, an Ig-like domain, and a C-terminal basic domain. Semaphorin 3C expressed highly in the heart, colon, skeletal muscle, small intestine, testis, ovary and prostate, expressed lowly in the other organs, including the brain.</p> <p>Alternative Names: Semaphorin-3C, Semaphorin-E, Sema E, SEMA3C, SEMAE</p>
Molecular Weight:	82.44 kDa
UniProt:	<a href="#">Q99985</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>

## Handling

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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months