

Datasheet for ABIN7555437

SEMA5B Protein (AA 1-1151) (His tag)



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Overview

Quantity:	1 mg
Target:	SEMA5B
Protein Characteristics:	AA 1-1151
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEMA5B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SEMA5B Protein expressed in mammalian cells.
Sequence:	MPCGFSPSPV AHHLVPGPPD TPAQLRCGW TVGGWLLSLV RGLLPCLPPG ARTAEGPIMV LAGPLAVSLL LPSLTLLVSH LSSSQDVSS PSSEQQLCAL SKHPTVAFED LQPWVSNTFY PGARDFSQLA LDPGSQLIV GARNYLFRLS LANVSLLQAT EWASSEDTRR SCQSKGKTEE ECQNYVRVLI VAGRKVFMC G TNAFSPMCTS RQVGNLSRTI EKINGVARCP YDPRHNSTAV ISSQGELYAA TVIDFSGRDP AIYRSLGSGP PLRTAQYNSK WLNPNFVAA YDIGLFAYFF LRENAVEHDC GRTVYSRVAR VCKNDVGGRF LLEDTWTTFM KARLNCSRPG EVPFYYNELQ SAFHLPEQDL IYGVFTTNVN SIAASAVCAF NLSAISQAFN GPFYQENPR AAWLPIANPI PNFQCGTLPE TGPENLTER SLQDAQRLFL MSEAVQPVTP EPCVTQDSVR FSHLVVDLVQ AKDTLYHVLY IGTESGILK ALSTASRSLH GCYLEELHVL PPGRREPLRS LRILHSARAL FVGLRDGVL R VPLERCAAYR SQGACLGARD PYCGWDGKQQ RCSTLEDSSN MSLWTQNITA CPVRNVTRDG GFGPWSPWQP CEHLDGDN SG SCLCRARSCD SPRPRCGGLD CLGPAIHIAN CSRNGAWTPW SSWALCSTSC GIGFQVRQRS CSNPAPRHGG RICVGKSREE RFCNENTPCP

Product Details

VPIFWASWGS WSKCSSNCGG GMQSRRRACE NGNSCLGCGV EFKTCNPEGC PEVRRNTPWT
PWLNVNTQG GARQEQRFRT TCRAPLADPH GLQFGRRRTE TRTCPADGSG SCDTDALVEV
LLRSGSTSPH TVSGGWAAWG PWSSCSRDC E LGFRVRKRTC TNPEPRNGGL PCVGDAAEYQ
DCNPQACPV R GAWSCWTSWS PCSASCGGGH YQRTRSCTSP APSPGEDICL GLHTEALCA
TQACPEGWSP WSEWSKCTDD GAQSRSRHCE ELLPGSSACA GNSSQSRPCP YSEIPVILPA
SSMEEATDCA GFNLIHLVAT GISCFLGSG LTLAVYLSCQ HCQRQSQUEST LVHPATPNHL
HYKGGGTPKN EKYTPMEFKT LNKNNLIPDD RANFYPLQQT NVYTTTYPS PLNKHSFRPE
ASPGQRCFPN S

Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: SEMA5B

Alternative Name: SEMA5B ([SEMA5B Products](#))

Background: Semaphorin-5B,FUNCTION: May act as a positive axonal guidance cue.

Target Details

	{ECO:0000250 UniProtKB:Q60519}.
Molecular Weight:	125.9 kDa
UniProt:	Q9P283

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months