

Product datasheet for PH311085

SEMA4B (NM_198925) Human Mass Spec Standard

Product data:

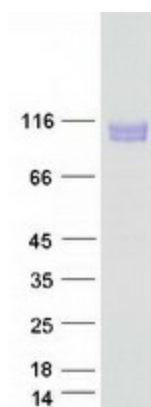
Product Type:	Mass Spec Standards
Description:	SEMA4B MS Standard C13 and N15-labeled recombinant protein (NP_945119)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211085
Predicted MW:	92.7 kDa
Protein Sequence:	>RC211085 protein sequence Red=Cloning site Green=Tags(s)
	MLRTAMGLRSWLAAPWGALPPRPPLLLLLLLLLLQPPPTWALSPRISLPLGSEERPFLRFEAEHISNY TALLLSRDGRTL YVGAREALFALSSNLSFLPGGEYQELLWGADAIEKKQCCSFKGGKDPQRDCQNYIKILLP LSGSHLFTCGTAAFSPMCTYINMENFTLARDEKGNVLLLEDGKGRCPDPNFKSTALVVDGELYTGTVSSF QGNDPAISRSQSLRPTKTESSLNWLQDPAFVASAYIPESLGLSQGDDDKIYFFFSETGQEFEFFENTIVS RIARICKGDEGGERVLQQRWTSFLKAQLLCSRDDGFPFNVLQDVFTLSPSPQDWRDTLFGYGVFTSQWHR GTTEGSAVCVFTMKDVQRFVSGLYKEVNRETQQWYTVTHPVPTPRPGACITNSARERKINSSLQLPDRVL NFLKDHFLMDGQVRSRMLLLQPQARYQRVAVHRVPLHHTYDVLFLGTGDGRLHKAVSVGPRVHIEELQ IFSSGQPVQNL LLDTHRGLL YAASHSGVVQVPMANCSLYRSCGDCLLARDPYCAWSGSSCKHVSLYQPQL ATRPWIQDIEGASAKDLCSASSVSPSFVPTGEKPCEQVQFQPNTVNTLACPLL SNLATRLWLRNGAPVN ASASCHVLP TGDLLL VGTQQLGEFQCWSLEEGFQQLVASYCPEVVEDGVADQTDEGGSVPV IISTSRVSA PAGGKASWGADRSYWKEFLVMCTLFVLAVLLPVLFLLYRHRNSMKVFLKQGECASVHPKTCPVVLPETR PLNGLGPPSTPLDHRGYQSLSDSPPGARVFTSEKRPLSIQDSFVEVSPVCPRRVRLGSEIRDSVV
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_945119



[View online »](#)

RefSeq Size:	3780
RefSeq ORF:	2511
Synonyms:	SEMAC; SemC
Locus ID:	10509
UniProt ID:	Q9NPR2
Cytogenetics:	15q26.1
Summary:	Inhibits axonal extension by providing local signals to specify territories inaccessible for growing axons.[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane
Protein Pathways:	Axon guidance

Product images:



Coomassie blue staining of purified SEMA4B protein (Cat# [TP311085]). The protein was produced from HEK293T cells transfected with SEMA4B cDNA clone (Cat# [RC211085]) using MegaTran 2.0 (Cat# [TT210002]).