

Product datasheet for TP517141

Sema4b (NM_013659) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B (Sema4b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217141 representing NM_013659 Red =Cloning site Green =Tags(s)

MGRASRSAVLRRALLLLLLLLLLLRTTTTRALGPRISVPLGSEERLIRKFEAENISNYTALLLSQDGKTLY
VGAREALFALNSNLSFLPGGEYQELLWSADADRKQQCSFKGKDPKRCQNYIKILLPLNSSHLLTCGTAA
FSPLCAYIHIASTLAQDEAGNVILEDGKGRCFPDPNFKSTALVDGELYTGTVSSFQGNPAISRQSS
RPTKTESSLNWLQDPAFVASAYVPESLGSPIGDDDKIYFFFSETGQEFEFFENTIVSRVARVCKGDEGGE
RVLQQRWTSFLKAQLLCSRPDGFPFNVLQDVFTLNPNPQDWRKTLFYGVFTSQWHRGTTEGSAICVFTM
NDVQKAFDGLYKKNRETQQWYTETHQVPTPRPGACITNSARERKINSSLQLPDRVLNFKDHFMDGQV
RSRLLLLQPRARYQRVAVHRVPLGHSTYDVLFLGTGDGRLHKAVTLSSRVHIIIEELQIFPQGQPVQNLLL
DSHGGLLYASSHSGVVQVPVANCSLYPTCGDCLLARDPYCAWTGSACRLASLYQPDLASRPWTQDIEGAS
VKELCKNSSYKARFLVPGKPKQVQIQPNTVNTLACPLLSNLATRLWVHNGAPVNASASCRVLPDGLLL
VGSQQGLGVFQCWSIEEGFQQLVASYCPEVMEEGVMDQKNQRDGTPIINTSRVSAPAGGRASWGADKSY
WNEFLVMCTLFVFAMVLLFLFFLYRHRDGMKFLKQGECASVHPKTRPIVLPPEPRPLNGVGPSTPLDH
RGYQALSDSSPGPRVFTSEKRPLSIQDSFVEVSPVCPRPVRLGSEIRDSVV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	91.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_038687</u>
Locus ID:	20352
UniProt ID:	<u>Q62179</u>
RefSeq Size:	3946
Cytogenetics:	7 D2
RefSeq ORF:	2469
Synonyms:	mKIAA1745; Semac; SemC
Summary:	Inhibits axonal extension by providing local signals to specify territories inaccessible for growing axons.[UniProtKB/Swiss-Prot Function]