

Product datasheet for TP510594

Sema4f (NM_011350) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sema domain, immunoglobulin domain (Ig), TM domain, and short cytoplasmic domain (Sema4f), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210594 representing NM_011350 Red =Cloning site Green =Tags(s)

MLARAERPRPGPRPPVSLFPPSSLLLLLLAMLSAPVCGRVPRVPRVPTSLPISEADSYLTRFAAPHTYN
YSALLVDPASHTLYVGARDSIFALTLFSGEKPRRIDWMPETHRQNCRKKGKKEDECHNFIQILAIANA
SHLLTCGTFADFPCGVIDVSSFQQVERLESGRGKCPFEPARSAAVMAGGVLYTATVKNFLGTEPIISR
AVGRAEDWIRTETLSSWLNAPAFVAAAMVLSPAEWGDEGDDEIFFFTTETSRVLDSEYERIKVPRVARVCA
GDLGGRKTLQQRWTTFLKADLLCPGPEHGRASGVLQDMTELRPQPGAGTLPFYGIFSSQWEGAAISAVCA
FRPQDIRAVLNGPFRELKHCNRLPVM DNEVPQPRPGECITNNMKFQQFGSSLSLPDRVLT FIRDHPLM
DRPVFPADGRPLLVTDDTAYLRVVAHRVTSLSGKEYDVLVYLGTEGHLHRAVRIGAQLSVLEDLALFPET
QPVESMKLYHDWLLVGSHTVETQVNTSNCGRLQSCSECILAQDPVCAWSFRLDACVAHAGEHRGMVQDIE
SADVSSLCPEKPEHPVWFEVPVATVGHVVLPCSPSSAWASCVWHQPSGVTSLTPRRDGLVWVTPGAMG
AYACECQEGGAARVVAAYSLVWGSQRGPANRAHTVVGAGLVGFFLGVLAASTLLLIGRRQRRRQRELL
ARDKVGLDLGAPPSGTTSYSQDPPSPSPEDERLPLALGKRGSGFGGFPFLLDSCPSPAHIRLTGAPLA
TCDETSI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	84.9 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:	NP_035480
Locus ID:	20355
UniProt ID:	Q9Z123
RefSeq Size:	4067
Cytogenetics:	6 35.94 cM
RefSeq ORF:	2331
Synonyms:	Sema W
Summary:	This gene encodes a member of semaphorin family of membrane-bound and secreted proteins that are involved in guiding axonal growth. The encoded protein is a transmembrane protein localized to the glutamatergic synapses via its association with a synapse-associated scaffolding protein. In oligodendrocyte precursor cells, the encoded protein contributes to the outward migration and differentiation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2015]