

Product datasheet for TP517350

Sema3d (NM_028882) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3D (Sema3d), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR217350 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MNVTKDENPRSRSQDLHLFHAWMMLIMTVLFLPVTETSKQNIPLKLTYKDLLSNTCIPFLGSSEGLDF
QTLLEDEERGILLGAKDHVFLSLVDLNKNFKKIYWPAAKERVLCCKLAGKDANAECANFIRVLQPYNK
THVYVCGTGAFHPLCGYIDLGANKEELIFKLDTHNLESGRLKCPFDPPQPFASVMTDEHLYSGTASDFLG
KDTAFTRSLGLMQDHHSIRTDISEHHWLNKAKFIGTFPIPDTYNPDDDKIYFFRESSQEGSTSDRSILS
RVGRVCKNDVGGQRSLINKWTTFLKARLICSIPGSDGADTHFDELQDIYLLPTRDERNPVYGVFTTSS
IFKGSAVCVYSMADIRAVFNGPYAHKESADHRVWQYDGRIPYPRPGTGPSKTYDPLIKSTRDFPDDVISF
IRRHPVMYKSVYPVAGAPTFKRINVDYRLTQIVVDHVAEDGQYDVMFLGTDIGTVLKVVSISKEKWNME
EVVLEELQVFKHPTAILNMELSLKQQQLYVGSWDGLVQLSLHRCDTYKACADCCLARDPYCAWDGNACS
RYAPTSKRRARRQDVKYGDPITQCWDIEDSISHETADEKVIKIEFNSTFLECIPKSQQASVEWYIQRSG
DEHREELKPDERIKTDYGLLIRSLQKKDSGMYCKAQEHTFIHTIVKLTNLVIENEQMENTQRAEYQEG
QVKDLLAESRLRYKDYIQILSSPNFSLDQYCEQMWYKEKRRQRNKGSPKWKHMQEMKKKRNRRHHRDLDE
LQRSVAT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	89.5 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_083158</u>
Locus ID:	108151
UniProt ID:	<u>Q8BH34</u>
RefSeq Size:	6521
Cytogenetics:	5 A1
RefSeq ORF:	2334
Synonyms:	4631426B19Rik
Summary:	Induces the collapse and paralysis of neuronal growth cones. Could potentially act as repulsive cues toward specific neuronal populations. Binds to neuropilin (By similarity).[UniProtKB/Swiss-Prot Function]