

Product datasheet for TP509260

Cc2d1a (NM_145970) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse coiled-coil and C2 domain containing 1A (Cc2d1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209260 representing NM_145970 Red=Cloning site Green=Tags(s)

MHKRNGPQAPPGRGAVTARQLGLLVDFSPDGLMIPEDGINEEELEAEFLALVGGQPQALEKLKGQGPLPM
EAIEKMARLCMRDLDEDEEGTDEDDVEADEDLLAELNEVLGEEQKAVEPLMPVAQPKPSGPNPGVEATLQ
ERLTLYQSALESARQAGDSAKMRRYDRGLKTLENLLVSAKKGNIINEADIPPPVASGKGAAGHSHTQAT
SQLASVSPPAPESSTLEAPSTTTPTSAPKQLPPDPCSPLARLQSLQHEYKLAALRAKHQDDTATATRHL
RIAKSFDPVLEALSRGELVDLSRLPPPPDQLSPEPPLPAAQPLTSASTLTRPEVPQPPRNLLALEQRME
RYHVAAAQAKAKGDQRKARMHERIVKQYQDAIRAHKAGRAVDVAELVPPPGFPPMQGLESAPSQQSLVG
VLETAMRLANHDEGSDDEEEETPKKQNTPAASTTQLKSSPSKAPPSGPAPAGKAAPKGTSNRAQQQLAFL
EGRKKQLLQAALRAKQKNDVEGAKMHLRQAKGLEPMLASRNGLPVDIAKVPPAPVVKDDFVLVQRPVGP
LSQEAVERRYGELTKLLRQHEMCLNHSTQFTHLGNIAETIKFEKLAEDCKRSMDTLKQAFARSLPTPAAR
FEQRTFSVIKVPDLSNSDMLLFIVKGINLPTPTGLSPDLDAFVRFDFPYPNVEEAQKDKTSVIKNTDS
PEFKEQFKLCINRGHRGFRAIQTKGKIFEVHKGGLFKTDRVLGTAQLKLGTLTACEVHEILEVLDGR
RPTGGRLEVMVRIEPLTAQQLETTTERWLVIDHIPAAMPVTGPKAKAPLIPASSREAGNRSARPLHSL
SVLAFDQERLERKILALRQARRPVPPEVAQQYQDWWQRSQWQRAQLEQGGAALRREYASHLERQLHFYTE
AARRLGYDGSREAAKEALYRRNLVESELQRLRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	103.7 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



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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_666082
Locus ID:	212139
UniProt ID:	Q8K1A6
RefSeq Size:	3349
Cytogenetics:	8 C2
RefSeq ORF:	2829
Synonyms:	BC016188; Freud-1; Tape
Summary:	Transcription factor that binds specifically to the DRE (dual repressor element) and represses HTR1A gene transcription in neuronal cells. The combination of calcium and ATP specifically inactivates the binding with FRE. May play a role in the altered regulation of HTR1A associated with anxiety and major depression. Mediates HDAC-independent repression of HTR1A promoter in neuronal cell. Performs essential function in controlling functional maturation of synapses.[UniProtKB/Swiss-Prot Function]