

Product datasheet for TP309105M

CC2D1A (NM_017721) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human coiled-coil and C2 domain containing 1A (CC2D1A), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209105 protein sequence Red=Cloning site Green=Tags(s)

MHKRKGPPGPPGRGAAAARQLGLLVDLSPDGLMIPEDGANDEELEAEFLALVGGQPPALEKLKGGKGPLPM
EAIEKMASLCMRDPDEDEEEGTDEDDLEADDDLLAELNEVLGEEQKASETPPPVAQPKPEAPHPGLETTL
QERLALYQTAIESARQAGDSAKMRRYDRGLKTLLENLLASIRKGNIDEADIPPPVAIGKGPASTPTYS
PTQPAPRIASAEPRVTLEGPSATAPASSPGLAKPQMPPGPCSPGPLAQLQSRQRDYKLAALHAKQQGDT
TAAARHFRVAKSFDVLEALSARGEVDLSCLPPPPDQLPPDPPSPSPQPTPATAPSTTEVPPPPRTLLE
ALEQRMERYQVAAAQAKSKGDQRKARMHERIVKQYQDAIRAHKAGRAVDVAELPVPFGFPIQGLEATKP
TQQSLVGVLETAMKLANQDEGPEDEEDEVKPKQNSPVAPTAQPKAPSRTPQSGSAPTAKAPPKATSTRA
QQQLAFLEGRKKQLLQALRAKQKNDVEGAKMHLRQAKGLEPMLASRNLGPDITKVPVAPVKNKDDFAL
VQRPGPLSQEAARRYGELTKLIRQQHEMCLNHSNQFTQLGNITETTKEKLAEDCKRSMDILKQAFVRG
LPTPTARFEQRTFSVIKIFPDLSSNDMLLFIVKGINLPTPPGLSPGDLDFVFRDFPYPNVVEAQKDKTS
VIKNTDSPEFKEQFKLCINRSHRGFRRAIQTKGIKFEVHKGGLFKTDRVLGTAQLKLDALAIACEVREI
LEVLDGRRPTGGRLEVMVRIREPLTAQQLETTTERWLVIDPVPAVPTQVAGPKGKAPPVPAPARESGNR
SARPLHLSVLAQFDQERLERKILALRQARRVPPEVAQQYQDIMQRSQWQRAQLEQGGVGIRREYAAQLE
RQLQFYTEAARRLGNDGSRDAAKEALYRRNLVESELQRLRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

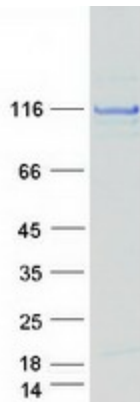
Tag:	C-Myc/DDK
Predicted MW:	103.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



[View online »](#)

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.
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_060191
Locus ID:	54862
UniProt ID:	Q6P1N0
RefSeq Size:	3644
Cytogenetics:	19p13.12
RefSeq ORF:	2853
Synonyms:	Aki-1; FREUD-1; Freud-1/Aki1; Lgd2; MRT3; TAPE
Summary:	This gene encodes a transcriptional repressor that binds to a conserved 14-bp 5'-repressor element and regulates expression of the 5-hydroxytryptamine (serotonin) receptor 1A gene in neuronal cells. The DNA binding and transcriptional repressor activities of the protein are inhibited by calcium. A mutation in this gene results in a nonsyndromic form of cognitive disability (MRT3). [provided by RefSeq, Jul 2017]

Product images:



Coomassie blue staining of purified CC2D1A protein (Cat# [TP309105]). The protein was produced from HEK293T cells transfected with CC2D1A cDNA clone (Cat# [RC209105]) using MegaTran 2.0 (Cat# [TT210002]).