Recombinant Human CC2D1A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CC2D1A-1522H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CC2D1A MS Standard C13 and N15-labeled recombinant protein (NP_060191) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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).
Molecular Mass	104.1 kDa
AA Sequence	MHKRKGPPGPPGRGAAAARQLGLLVDLSPDGLMIPEDGANDEELEAEFLALVGGQ PPALEKLKGKGPLPMEAIEKMASLCMRDPDEDEEEGTDEDDLEADDDLLAELNEVL GEEQKASETPPPVAQPKPEAPHPGLETTLQERLALYQTAIESARQAGDSAKMRRYD RGLKTLENLLASIRKGNAIDEADIPPPVAIGKGPASTPTYSPAPTQPAPRIASAPEPRV TLEGPSATAPASSPGLAKPQMPPGPCSPGPLAQLQSRQRDYKLAALHAKQQGDTT AAARHFRVAKSFDAVLEALSRGEPVDLSCLPPPPDQLPPDPPSPPSQPPTPATAPST TEVPPPPRTLLEALEQRMERYQVAAAQAKSKGDQRKARMHERIVKQYQDAIRAHKA GRAVDVAELPVPPGFPPIQGLEATKPTQQSLVGVLETAMKLANQDEGPEDEEDEVP

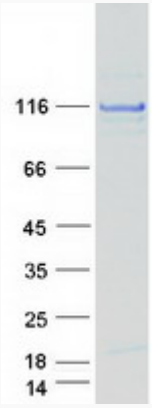
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	KKQNSPVAPTAQPKAPPSRTPQSGSAPTAKAPPKATSTRAQQQLAFLEGRKKQLLQ AALRAKQKNDVEGAKMHLRQAKGLEPMLEASRNGLPVDITKVPPAPVNKDDFALVQ RPGPGLSQEAARRYGELTKLIRQQHEMCLNHSNQFTQLGNITETTKFEKLAEDCKR SMDILKQAFVRGLPTPTARFEQRTFSVIKIFPDLSSNDMLLFIVKGINLPTPPGLSPGD LDVFVRFDFPYPNVEEAQKDKTSVIKNTDSPEFKEQFKLCINRSHRGFRRAIQTKGIK FEVVHKGGLFKTDRVLGTAQLKLDALEIACEVREILEVLDGRRPTGGRLEVMVRIREP LTAQQLETTTERWLVIDPVPAAVPTQVAGPKGKAPPVPAPARESGNRSARPLHSLS VLAFDQERLERKILALRQARRPVPPEVAQQYQDIMQRSQWQRAQLEQGGVGIRRE YAAQLERQLQFYTEAARRLGNDGSRDAAKEALYRRNLVESELQRLRRTRTRPLEQK LISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CC2D1A coiled-coil and C2 domain containing 1A [Homo sapiens (human)]
Official Symbol	CC2D1A
Synonyms	CC2D1A; coiled-coil and C2 domain containing 1A; coiled-coil and C2 domain-containing protein 1A; FLJ20241; mental retardation; nonsyndromic; autosomal recessive; 3; MRT3; Akt kinase-interacting protein 1; putative NFkB activating protein;

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	FRE under dual repression-binding protein 1; putative NF-kappa-B-activating protein 023N; mental retardation, nonsyndromic, autosomal recessive, 3; five repressor element under dual repression-binding protein 1; five prime repressor element under dual repression-binding protein 1; FREUD-1; Freud-1/Aki1; FLJ41160;
Gene ID	54862
mRNA Refseq	NM_017721
Protein Refseq	NP_060191
MIM	610055
UniProt ID	Q6P1N0
SDS-PAGE	

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