

Recombinant Human CC2D1A, His-tagged

Cat. No. CC2D1A-26320TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 672-951 of Human CC2D1A with N terminal His tag; Predicted MWt 33 kDa.
Species	Human
Source	E.coli
ProteinLength	672-951 a.a.
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 nonsyndromic mental retardation-3.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 106 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	GLSPGDLDFVRFDFPYPNVEEAQKDKTSVIKNTDSPEFK EQFKLCINRSHRGFRR

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acids

AIQTKGIKFEVVHKGGLFKTDR VLGTAQLKLDALAIACEVREILEVLDGRRPTGGRLE
 VM VRIREPLTAQQLETTTERWLVIDPVPAAVPTQVAGPKG KAPPVPAPARESGNRS
 ARPLHSLSVLAFDQERLERKILALRQARRPVPPEVAQQYQDIMQRSQWQRAQLEQG
 GVGIRR EYAAQLERQLQFYTEAARRLGNDGSRDAAKEALYRRNL VESELQRLRR

GENE INFORMATION

Gene Name CC2D1A coiled-coil and C2 domain containing 1A [Homo sapiens]

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;

Gene ID 54862

mRNA Refseq NM_017721

Protein Refseq NP_060191

MIM 610055

Uniprot ID Q6P1N0

Chromosome Location 19p13.12

Pathway SIDS Susceptibility Pathways, organism-specific biosystem;

Function DNA binding; signal transducer activity;

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