

Recombinant Human CC2D1A Protein, His-tagged

Cat. No. CC2D1A-636H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CC2D1A Protein (Pro675-Ser944) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro675-Ser944
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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.3 kDa; Accurate Molecular Mass: 34 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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; 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

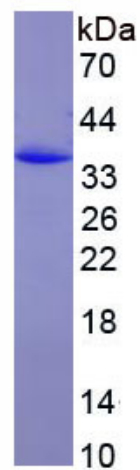
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MIM	610055
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UniProt ID	Q6P1N0
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