

## Recombinant Mouse Cc2d1a Protein, Myc/DDK-tagged

**Cat. No.** Cc2d1a-1979M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length coiled-coil and C2 domain containing 1A (Cc2d1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	103.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Cc2d1a coiled-coil and C2 domain containing 1A [ *Mus musculus* (house mouse) ]

**Official Symbol** Cc2d1a

### Synonyms

CC2D1A; coiled-coil and C2 domain containing 1A; coiled-coil and C2 domain-containing protein 1A; 5-HT1A receptor; putative NFkB activating protein; FRE under dual repression-binding protein 1; five repressor element under dual repression-binding protein 1; five repressor element under dual repression binding protein 1; five prime repressor element under dual repression-binding protein 1; Freud-1; BC016188; MGC27560; MGC38983

**Gene ID** 212139

**mRNA Refseq** NM\_145970

**Protein Refseq** NP\_666082

**UniProt ID** Q8K1A6

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA