

Datasheet for ABIN7552949
CC2D1B Protein (AA 1-858) (His tag)



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Overview

Quantity:	1 mg
Target:	CC2D1B
Protein Characteristics:	AA 1-858
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CC2D1B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CC2D1B Protein expressed in mammalian cells.
Sequence:	MMPGPRPRKG PQARGQGVAA AKQMGLFMEF GPEDMLLGMD EAEDDEDLEA ELLALTGEAQ TTGKKPAPKG QAPLPMAHIE KLAADCMRDV EEEEEEGLE EDAELLTELQ EVLGVDEETE PLDGDEVADP GGSEENGLE DTEPPVQTAV LTASAPAAQA GASQGLHALL EERIHNYREA AASAKEAGEA AKARRCERGL KTLESQLASV RRG RKINEDE IPPPVALGKR PLAPQEPANR SPETDPPAPP ALESDNPSQP ETS LPGISAQ PVS DLD PDPR ALLSSRQREY KVAALSAKRA GELDRARELM RIGKRFGAVL EALEKGQ PVD LSAMPPAPED LKPQQASQAP TAPSVIPPAV ERVQPVMAPD VPATPVAPTE SQT VLDALQQ RL NKYREAGI QARSGGDERK ARMHERIAKQ YQDAIRAHRA GRKVNFAELP VPPGFPIPG LESTMGVEED AVAATLAAA KLASAEDSAP ADKDEDEPPG HLQGEPPAQA PVAKKPARPT VPSSQRLPEP RASSSKESPS PSVREQLALL EARKLQYQRA ALQAKRSQDL EQAKAYLRVA KWLEAQIIQA RSGRPVDLSK VPSPLTDEEG DFILIHEDL RLSQKAEVY AQLQKMLLEQ QEKCLLFSKQ FMHQGNVAET TRFEKLAQDR KKQLEILQLA QAQGLDPPTH HFELKTFQTV RIFSELNSTE MHLIIVRGMN LPAPPGVTPD

Product Details

DLDAFVRFEF HYPNSDQAQK SKTAVVKNTN SPEFDQLFKL NINRNHRGFK RVIQSKGIKF
EIFHKGSFFR SDKLVGTAHL KLERLENECE IREIVEVLDG RKPTGGKLEV KVRLREPLSG
QDVQMV TENW LVLEPRGL **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: CC2D1B

Alternative Name: CC2D1B ([CC2D1B Products](#))

Background: Coiled-coil and C2 domain-containing protein 1B (Five prime repressor element under dual repression-binding protein 2) (FRE under dual repression-binding protein 2) (Freud-2),FUNCTION: Transcription factor that binds specifically to the DRE (dual repressor element) and represses HTR1A gene transcription in neuronal cells. {ECO:0000269|PubMed:19423080}.

Molecular Weight: 94.2 kDa

Target Details

UniProt: [Q5T0F9](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months