

Datasheet for ABIN7562074

CTTNBP2 Protein (AA 1-1648) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CTTNBP2
Protein Characteristics:	AA 1-1648
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTTNBP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ctnbp2 Protein expressed in mammalian cells.
Sequence:	MATDSASCEP DLSRTPGDTE GATAEAAKKE FDVDTLSKSE LRMLLSVMEG ELEARDLVIE ALRARRKEVF IQERYGRFNL NDPFLALQRD YEAGPGDKEK PVCTNPLSIL EAVMAHCRKM QERMSAQLVA AESRQKKLEM EKLQLQALEQ EHKKLAHLE EERGKNKHVV LMLVKECKQL SGKVVEEAQK LEEVMAQLEE EKKKTSELEE QLSAEKQRSS GMEAQLEKQL SEFDTEREQL RAKLSREEAH TTDLKEEIDK MKKMMEQMKK GSDGKPGLSL PRKTKDKRLA SISVATEGPV TRSVACQTDV VTESTDPVKK LPLTVPIKPS TGSPLVPTNT KGNVGPSALL IRPGIDRQSS HSDLGSPSPT ALPSSANRIE ENGPSTGNAP DLSNSTPSTP SSTAPAAAQT PGTAPQNHSQ APTVHSLHSP CANTHPGLNP RIQAARFRFQ GNANDPDQNG NNTQSPPSRD VSPTS RDNLV AKQLARNTVT QALSRTSPQ AGASSRLGVS PGGDAGTCPP VGRTGLKTPG AARVDRGNPP PIPPKKPGLS QTPSPHPQL RASNAGAKVD NKIVASPPST LPQGTKVVNE ENVPKSSSPQ LPPKPSIDLT VAPAGCPVSA LATSQVGAWP AGTPGLNQPA CSDSSLVIPA TVAFCSINP VSASSRSPGA SDSLLVAASG WSPSLTPLL M SGGPAPLAGR PTL LQAAAAQ GNVTL LLSMLL

NEEGLDINYS CEDGHSALYS AAKNGHTDCV RLLLNAEARV DAADKNGFTP LCVAAAQGHF
ECIELLTAYN ANINHSAAAGG QTPLYLACKN GNKECIKLLL EAGTDRSIKT RDGWTPIHAA
VDTGNVDSLK LLMYHRVRAH GNSLSSEEPK SGLFSLNGGE SPTGSPKPVV PADLINHADK
EGWTAAHIAA SKGFKNCLEV LCRHGGLPE RRDKCNRTVH DVATDDCKHL LENLNALKIP
LRISVGEIQP SNDVSDDFEC EHTICTLNIR KQTSWEDFSK AVSQALTNHF QAISSDGWWS
LEDGTFNNAT DSCIGLGTSS IRSIMLGSMW WSTGQSFSQS PWDFLKKKKV EQVLALLSGP
QEGCLSSVTY ASMIPLQMLQ NYLRLVEQYH NVIFHGPEGS LDYIANQLA LCMKYRQMAA
GFPCEIVRAE VDSGFSKEQL VDFVIRNAEL IPVKQFPVKK KIIVILENLE KSSSELLGD
FLAPLENRST ESPCTFQKGN GTSECYFHE NCFVLGTIAK ACLQGSLLV QQHFRWVQLR
WDCEPIQGLL QRFLRRKVVS KFRGQLPAPC DPVCKIVDWA LSVWRQLNSC LARLGTPEAL
LGPKYFLSCP VVPGHAQATV KWMSKLWNAV IAPRVQEAIL SRASMNKQPG TGQTASKKYP
SQGQAVVRA ALSILLNKAV LHGCPLPRAE LDQQIADFKG GSFPLSIVSS YSKKKVESGA
WRKVNTSPRK KPGHFSSPTW NKPDPKREGM RNKTIPHLNT NRNSSLKQKQ SLENDLSVTL
TLDHRLSLGS DDEADLVKEL QSMCSSKSES DISKIADSRD DLRKFDSSRT NPGTSAPLNL
RTPVPQKEAS PPSSRQTAEC SNSKSKTEMG VSSVKSFLPV PRSKVAQCSQ NTKRNSSSSN
TRQLEINNNS KEENWTLDKH EQVEKPNK **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

Product Details

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: CTTNBP2

Alternative Name: Ctnb2 ([CTTNBP2 Products](#))

Background: Cortactin-binding protein 2 (CortBP2),FUNCTION: Regulates the dendritic spine distribution of CTTN/cortactin in hippocampal neurons, and thus controls dendritic spinogenesis and dendritic spine maintenance. {ECO:0000269|PubMed:23015759}.

Molecular Weight: 178.8 kDa

UniProt: [B9EJA2](#)

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