

Datasheet for ABIN7552906
CCDC120 Protein (AA 1-630) (His tag)



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Overview

Quantity:	1 mg
Target:	CCDC120
Protein Characteristics:	AA 1-630
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC120 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CCDC120 Protein expressed in mammalian cells.
Sequence:	MEVKGQLISS PTFNAPAALF GEAAPQVKSE RLRGLLDRQR TLQEALSLKL QELRKVCLQE AELTGQLPPE CPLEPGERPQ LVRRRPPTAR AYPPHPNQA HHSLCPAEEL ALEALEREVS VQQQIAAAAR RLALAPDLST EQRRRRRQVQ ADALRRLHEL EEQLRDVRAR LGLPVLPLPQ PLPLSTGSVI TTQGVCLGMR LAQLSQEDVV LHSESSLSE SGASHDNEEP HGCFLAERP SPPKAWDQLR AVSGGSPERR TPWKPPPSDL YGDLKSRNS VASPTSPTRS LPRSASSFEG RSVPATPVL T RGAGPQLCKP EGLHSRQWSG SQDSQMGFPR ADPASDRASL FVARTRRSNS SEALLVDRAA GGGAGSPPAP LAPSASGPPV CKSSEVLYER PQPTPAFSSR TAGPPDPPRA ARPSSAAPAS RGAPRLPPVC GDFLLDYS LD RGLPRSGGGT GWGELPPAAE VPGPLSRRDG LLTMLPGPPP VYAADSNSPL LRTKDPHTRA TRTKPCGLPP EAAEGPEVHP NPLLWMPPT RIPSAGERSG HKNLALEGLR DWYIRNSGLA AGPQRRPVLP SVGPPHPFL HARCYEVGQA LYGAPSQAPL PHSRSFTAPP VSGRYGGCFY Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

Product Details

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: CCDC120

Alternative Name: CCDC120 ([CCDC120 Products](#))

Background: Coiled-coil domain-containing protein 120,FUNCTION: Centriolar protein required for centriole subdistal appendage assembly and microtubule anchoring in interphase cells (PubMed:28422092). Together with CCDC68, cooperate with subdistal appendage components ODF2, NIN and CEP170 for hierarchical subdistal appendage assembly (PubMed:28422092). Recruits NIN and CEP170 to centrosomes (PubMed:28422092). Also required for neurite growth. Localizes CYTH2 to vesicles to allow its transport along neurites, and subsequent ARF6 activation and neurite growth. {ECO:0000269|PubMed:25326380}.

Molecular Weight: 67.6 kDa

Target Details

UniProt: [Q96HB5](#)

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