

Datasheet for ABIN7552715
KIAA0284 Protein (AA 1-1589) (His tag)



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Overview

Quantity:	1 mg
Target:	KIAA0284 (CEP170B)
Protein Characteristics:	AA 1-1589
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIAA0284 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CEP170B Protein expressed in mammalian cells.
Sequence:	MSATSWFLVS SSGARHRLPR ELIFVGREEC ELMLQSRSDV KQHAVINYDQ DRDEHWVKDL GSLNGTFVND MRIPDQKYVT LKLNDVIRFG YDSNMYVLER VQHRVPEEAL KHEKYTSQLQ VSVKGLAPKR SEALPEHTPY CEASNPRPEK GDRRPGTEAA SYRTPLYGQP SWWGEDDGST LPDAQRQGEF YPERPKGPVQ QDGELHGFRA PAEPQGCSFR REPSYFEIPT KETPQPSQPP EVPAHEMPTK DAEAGGGGAA PVVQSHASFT IEFDDCSPGK MKIKDHITKF SLRQRRPPGK EATPGEMVSA ETKVADWLQV NDPSSLHRVG PGDDRHSTKS DLPVHTRTLK GHKHEDGTQS DSEDPLAKAA SAAGVPLEAS GEQVRLQRQI KRDPQELLHN QQAFVIEFFD EDTPRKKRSQ SFTHSPSGDP KADKRRGPTP ADRDRPSVPA PVQAGGRSSG PQRAGSLKRE KTEERLGSFS PASRTPARPF GSVGRRSRLA QDFMAQCLRE SSPAARPSPE KVPPVLPAPL TPHGTSPVGP PTPPPAPTDP QLTAKARKQEE DDSLSDAGTY TIETEAQDTE VEEARKMIDQ VFGVLESPEL SRASSATFRP VIRGDRDESD DGGVAQRMAL LQEFASRPLG AAPQAQHQLG PVPGSPGGQK

WVSRWASLAD SYSDPGLTED GLGRRGGEPE GSLPVRMRRR LPQLPSERAD SPAGPESSRR
SGPGPELDS EQPSRLFGQE ELDPDSLSDA SGSDGGRGPE PGVEPQDSRR RSPQEGPTWS
RGRRSRPAPG EPTPASFFIG DQNGDAVLSR KPLAAPGDGE GLGQTAQPSP PARDGVVYVA
NGRMVIQLRP GRSPEPDGPA PAFLRQESFT KEPASGPPAP GKPPHISHP LLQDLAATRA
ARMDFHSDQT HLILKETETA LALEARLLS NSVDAECEGG STPRPPEDAL SGDSVDVTAS
TVSLRSGKSG PSPTTPQPLR AQKEMSPSP AAQDPGGTAL VSAREQSSER QHHPLGPTDM
GRGEPVRRSA IRRGHRPRGS LDWPSEERGP VLAHLPSSDV MASNHETPEA TGAGRLGSRR
KPAAPPPSPA AREEQSRSSA SSQKGPQALT RSNSLSTPRP TRASRLRRAR LGDASDTEAA
DGERGSLGNP EPVGRPAEQ AKKLSRLDIL AMPRKRAGSF TGTSDPEAAP ARTSFSGRSV
ELCCASRKPT MAEARAVSRK AANTATTTGP RQPFSTRARG SARYTSNTRR RQQGSDYTST
SEEEYGSRHG SPKHTRSHTS TATQTPRAGS SSRARSRAPG PRDTHDDEEE PDPYGFIVQT
AEIAEIARLS QTLVKDVAIL AQEIHDVAGD GDTLGSSEPA HSASLSNMPS TPASTISARE
ELVQRIPEAS LNFQKVPPGS LNSRDFDQNM NDSCEDALAN KTRPRNREEV IFDNLMLNPV
SQLSQAIREN TEHLAEKMKI LFQNTGRAWA DLEARINAEN EVPILKTSNK EISSILKELR
RVQKQLEVIN AIVDPGSLD LLTGNRSLAS SAQPGLGKGR VAAQSPSPA SAEALLPALP
LRNFPQRASC GPPSLPDPTF LPDAERFLI **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.**

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, Western Blot

Product Details

Grade: custom-made

Target Details

Target: KIAA0284 (CEP170B)

Alternative Name: CEP170B ([CEP170B Products](#))

Background: Centrosomal protein of 170 kDa protein B (Centrosomal protein 170B) (Cep170B),FUNCTION: Plays a role in microtubule organization. {ECO:0000250|UniProtKB:Q5SW79}.

Molecular Weight: 171.7 kDa

UniProt: [Q9Y4F5](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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