

Datasheet for ABIN7553984
TUBGCP2 Protein (AA 1-902) (His tag)



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Overview

Quantity:	1 mg
Target:	TUBGCP2
Protein Characteristics:	AA 1-902
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBGCP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TUBGCP2 Protein expressed in mammalian cells.
Sequence:	MSEFRIHHDV NELLSSLRVH GGDGAEVYID LLQKNRTPYV TTTVSAHSAK VKIAEFSRTP EDFLKKYDEL KSKNTRNLDP LVYLLSKLTE DKETLQYLQQ NAKERAELAA AAVGSSTTSI NVPAAASKIS MQELEELRKQ LGSVATGSTL QQSLELKRKM LRDQKQKNS GQHLPIPPAW VYERPALIGD FLIGAGISTD TALPIGTLPL ASQESAVVED LLYVLVGVGDG RYVSAQPLAG RQSRTFLVDP NLDLSIRELV HRILPVAASY SAVTRFIEEK SSFEYGQVNH ALAAAMRTL KEHLILVSQL EQLHRQGLLS LQKLWFIQIP AMRTMDILAS LATSVDKGEC LGGSTLSLLH DRSFSYTGDS QAQELCLYLT KAASAPYFEV LEKWIYRGII HDPYSEFMVE EHELKRIQ EDYNDKYWDQ RYTIVQQQIP SFLQKMADKI LSTGKYLNVV RECGHDVTC VAKEIITLK ERAYVEQIEK AFNYASKVLL DFLMEEKELV AHLRSIKRYF LMDQGDFVH FMDLAEELR KPVEDITPPR LEALLELALR MstantDPFK DDLKIDLMPH DLITQLLRVL AIETKQEKAM AHADPTLAL SGLEAFSFDY IVKWPLSLII NRKALTRYQM LFRHMFYCKH VERQLCSVWI SNKTAKQHSL HSAQWFAGAF TLRQRMLNFV QNIQYMMFE VMEPTWHILE KNLKSASNID

Product Details

DVLGHHTGFL DTCLKDCMLT NPELLKVFSK LMSVCMFTN CMQKFTQSMK LDGELGGQTL
EHSTVLGLPA GAEERARKEL ARKHLAEHAD TVQLVSGFEA TINKFDKNFS AHLDLLARL
SIYSTDCEH GMASVISRLD FNGFYTERLE RLSAERSQKA TPQVPVLRGP PAPAPRVAVT AQ

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: TUBGCP2

Alternative Name: TUBGCP2 ([TUBGCP2 Products](#))

Background: Gamma-tubulin complex component 2 (GCP-2) (hGCP2) (Gamma-ring complex protein 103 kDa) (h103p) (hGrip103) (Spindle pole body protein Spc97 homolog) (hSpc97),FUNCTION: Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome. Plays a role in neuronal migration. {ECO:0000269|PubMed:31630790, ECO:0000269|PubMed:9566967}.

Target Details

Molecular Weight:	102.5 kDa
UniProt:	Q9BSJ2
Pathways:	M Phase, SARS-CoV-2 Protein Interactome

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