

Datasheet for ABIN7564379

TUBGCP5 Protein (AA 1-1024) (His tag)



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Overview

Quantity:	1 mg
Target:	TUBGCP5
Protein Characteristics:	AA 1-1024
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBGCP5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tubgcp5 Protein expressed in mammalian cells.
Sequence:	<p>MARPKSSGSR MDRQLEHDVC ELVRQVTGLQ DEADPNFQLA LDFVWSNFRF HRFLDVNSHK</p> <p>VEKTIEGIYE KFTIHSDLNK AASWKRLTKE FLNASLPSTE KIKTDAHYSI LLLLLCLSDS</p> <p>PSNSNYVETP REKEVEKKDD FDWGKYLMEG EEIGLGNID TPNWSEDSDD EDAQQPLSRE</p> <p>DSGIQVDRTP LEEQDHNKRG GPQVCWEDEP DSRSWLEQHV VHQYWTTTRRF RIPHSAHLHS</p> <p>NLAAVWDQHL YSSDPLYVPD DRVVTETQV IRETLLWLLSG VKKMFIFQLI DGKVTVRNNI</p> <p>IVTHLTHSCL RSVLEQIAAY GQVVFRLQEF IDEVMGHSSE SLPPGNGPIIP KKQPDAPFRT</p> <p>YQAFMWALYK YFINFKEELT DIEKCVISSD TTITLAIVVN KlapRLAQLK VLDKVFSTGV</p> <p>AEVPPDTRNV VRASHLLNTL YKAILEYDNV GEASEQTVSL LFSLWVETVR PYLQTVDEWI</p> <p>VHGHLDGAR EFIIQRNKNV PVNHRDFWYA TYTLYSVSEK TENEDKVSDS ASASSGSDQG</p> <p>PSSRQHTMVS FLKPVLKQII MAGKSMQLLK NLNCAEGPAC QAAARDAERK SLYTLFLES</p> <p>QLRLQHGEDS APHIVNEDQT TKENLIKMQS IAERHLELDD IHDPLLAINF ARLYLEQSD</p> <p>HEKFAGGDIC VDRSSESVTC QTFELTLRSC LYPHIDKQYL HCCGNLMQTL KRDFRLVEYL</p>

Product Details

QAMRNFFLME GGDTMYDFYT SIFDKIREKE TWQNVSFLNV QLQEAVGQRY PEDSLRLSIS
FENVDTTKKK LPVHILDGLT LSYKVPWPVD IVISVECQKI YNQVFLLLLQ IKWAKYSLDV
LLFGELGNAA ERSQAKEDIP RDQDTPSQFG PPKESLRQQI HRMFLLRVKL MHFVNSLHNY
IMTRILHSTG LEFQHQVEEA KDLDQLIKIH YRYLSTIHDR CLLREKVSFV KEAIMKVLNL
ALMFAEGWQA GLGAWQMESI EKMESDFKNC HMFLVTILNK AVCRGSPHPL ESLALSLMAG
MEQS **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	TUBGCP5
Alternative Name:	Tubgcp5 (TUBGCP5 Products)
Background:	Gamma-tubulin complex component 5 (GCP-5),FUNCTION: Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome. {ECO:0000250}.

Target Details

Molecular Weight:	118.0 kDa
UniProt:	Q8BKN5
Pathways:	M Phase

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