Recombinant Human TUBGCP3 protein, GST-tagged

Cat. No. TUBGCP3-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUBGCP3 (1 a.a. - 907 a.a.) fussed with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-907 a.a.
Description	Gamma-tubulin complex is composed of gamma-tubulin, TUBGCP2, TUBGCP3, TUBGCP4, TUBGCP5 and TUBGCP6. Interacts with CDK5RAP2; the interaction is leading to centrosomal localization of TUBGCP3 and CDK5RAP2.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	130 kDa
AA Sequence	MATPDQKSPNVLLQNLCCRILGRSEADVAQQFQYAVRVIGSNFAPTVERDEFLVAEK IKKELIRQRREADAALFS ELHRKLHSQGVLKNKWSILYLLLSLSEDPRRQPSKVSSYA TLFAQALPRDAHSTPYYYARPQTLPLSYQDRSAQS AQSSGSVGSSGISSIGLCALS GPAPAPQSLLPGQSNQAPGVGDCLRQQLGSRLAWTLTANQPSSQATTSKGVPSA VSRNMTRSRREGDTGGTMEITEAALVRDILYVFQGIDGKNIKMNNTENCYKVEGKAN LSRSLRDTAVRLSELGWL HNKIRRYTDQRSLDRSFGLVGQSFCAALHQELREYYRL LSVLHSQLQLEDDQGVNLGLESSLTLRRLLVWTYDPK IRLKTLAALVDHCQGRKGG ELASAVHAYTKTGDPYMRSLVQHILSLVSHPVLSFLYRWIYDGELEDTYHEFFVAS D

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	PTVKTDRLWHDKYTLRKSMIPSFMTMDQSRKVLLIGKSINFLHQVCHDQTPTTKMIA VTKSAESPQDAADLFTD LENAFQGKIDAAYFETSKYLLDVLNKKYSLLDHMQAMRR YLLLGQGDFIRHLMDLLKPELVRPATTLYQHNLTGI LETAVRATNAQFDSPEILRRLD VRLLEVSPGDTGWDVFSLDYHVDGPIATVFTRECMSHYLRVFNFLWRAKRMEY ILT DIRKGHMCNAKLLRNMPEFSGVLHQCHILASEMVHFIHQMQYYITFEVLECSWDEL WNKVQQAQDLDHIIAA HEVFLDTIISRCLLDSDSRALLNQLRAVFDQIIELQNAQDAIY RAALEELQRRLQFEEKKKQREIEGQWGVTAAE EEEENKRIGEFKESIPKMCSQLRIL THFYQGIVQQFLVLLTTSSDESLRFLSFRLDFNEHYKAREPRLRVSLGTR GRRSSHT
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	TUBGCP3 tubulin, gamma complex associated protein 3 [Homo sapiens]
Official Symbol	TUBGCP3
Synonyms	104p; GCP3; Spc98; SPBC98; Spc98p; Grip104; gamma-tubulin complex component 3; gamma-ring complex protein 104 kDa; spindle pole body protein Spc98 homolog
Gene ID	10426
mRNA Refseq	NM_006322
Protein Refseq	NP_006313

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UniProt ID	Q96CW5
Chromosome Location	13q34
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem
Function	gamma-tubulin binding; protein binding; structural constituent of cytoskeleton

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