

Product datasheet for SC322145

Gamma tubulin complex component 3 (TUBGCP3) (NM_006322) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gamma tubulin complex component 3 (TUBGCP3) (NM_006322) Human Untagged Clone
Tag:	Tag Free
Symbol:	Gamma tubulin complex component 3
Synonyms:	104p; ALP6; GCP3; Grip104; SPBC98; Spc98; Spc98p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322145
 GTGTGGGAAGCGCCCGCTTTTCGGCGGGTTCCGTTAAAATGGCGCCCTGGTGGCCGGCG
 GCGCCCGCGCCTTAGCCTGTCAGGAGCAGGGAGCTTTCGGGGCGCAGGAAGGGCGCGGGC
 CGCGGTCCCTGCGCGTGCGGCGGCAAGTGGCGGCTCTGCCCGGACCACCGTGCACGGCTCC
 GGGCGAGGATGGCGACCCCGGACCAGAAGTCGCGGAACGTTCTGCTGCAGAACCTGTGCT
 GCAGGATCCTGGGAGGAGCGAAGCTGATGTAGCCAGCAGTTCCAGTATGCTGTGCGGG
 TGATTGGCAGCAACTTCGCCCAACTGTTGAAAGAGATGAATTTTTAGTAGCTGAAAAA
 TCAAGAAAGAGCTTATTCGACAACGAAGAGAAGCAGATGCTGCATTATTTTCAGAACTCC
 ACAGAAAACCTTACACAGGGAGTTTTGAAAAATAAATGGTCAATACTCTACCTCTTGC
 TGAGCCTCAGTGAGGACCCAGCAGGCAGCCAAGCAAGGTTTCTAGCTATGCTACGTTAT
 TTGCTCAGGCCTTACCAAGAGATGCCACTCAACCCCTTACTACTATGCCAGGCCTCAGA
 CCTTCCCTGAGCTACCAAGATCGGAGTGCCAGTCAGCCAGAGCTCCGGCAGCGTGG
 GCAGCAGTGGCATCAGCAGCATTGGCCTGTGTGCCCTCAGTGGCCCCGCGCTGCCAC
 AATCTCTCCTCCAGGACAGTCTAATCAAGCTCCAGGAGTAGGAGATTGCCTTCGACAGC
 AGTTGGGGTCACGACTCGCATGGACTTTAACTGCAAAATCAGCCTTCTTCAAGCCACTA
 CCTCAAAGGTGTCCCAAGTGTGTGTCTCGCAACATGACAAGTCCAGGAGAGAAGGGG
 ATACGGGTGGTACTATGGAAATTACAGAAGCAGCTCTGGTAAGGGACATTTTGTACGTCT
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 GATGGTTGCATAATAAAATCAGAAGATACACGGACCAGAGGAGCCTGGACCGCTCATTCC
 GACTCGTCGGGCAGAGCTTTTGTGCTGCCTTGCAACAGGAACTCAGAGAATACTATCGAT
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 TTGAGAGTAGTTAACACTTCGGCGCCTCCTGGTTTGGACCTATGATCCCAAAATACGAC
 TGAAGACCCTTGCGGCCCTAGTGGACACTGCCAAGGAAGGAAAGGAGGTGAGCTGGCCT
 CAGCTGTCCACGCTACACAAAAACAGGAGACCCGTACATGCGGTCTCTGGTGCAGCACA
 TCCTCAGCCTCGTGTCTCATCTGTTTTGAGCTTCTGTACCGCTGGATATATGATGGG
 AGCTTGAGGACACTTACCACGAATTTTTGTAGCATCAGATCCAACAGTTAAAACAGATC



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GACTGTGGCACGACAAGTATACTTTGAGGAAATCGATGATTTCCTTCGTTTATGACGATGG
 ATCAGTCTAGGAAGGTCCTTTTGTAGGAAAATCAATAAAATTTCTTGACCAAGTTTGTCT
 ATGATCAGACTCCCACTACAAAGATGATAGCTGTGACCAAGTCTGCAGAGTCACCCAGG
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 ACATGCAGGCAATGAGGCGGTACCTGCTTCTTGGTCAAGGAGACTTTATAAAGCACTTAA
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 GCCACTACCTAAGAGTATTTAATTCCTCTGGAGGGCGAAGCGGATGGAATACATCCTCA
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 CCGGGGTGCTGCACCAGTGCACATTTTGGCTCTGAGATGGTCCATTTTCATTATCAGA
 TGCAGTATTACATCACATTTGAGGTGCTTGAATGTTCTTGGGATGAGCTTTGGAACAAAG
 TCCAGCAGGCCAGGATTTGGATCACATATTGCTGCACACGAGGTGTTCTTAGACACCA
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 AAGAATTGCAGAGACGATTACAGTTTGAAGAGAAAAAGAAACAGCGTGAATTTGAGGGCC
 AGTGGGGAGTGACGGCAGCAGAGGAAGAGGAGGAAAATAAGAGGATTGGAGAATTTAAAG
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 TCAGGCTGGACTTCAACGAGCATTACAAAGCCAGGGAGCCAGGCTCCGTGTGCTCTGG
 GTACCAGGGGGCGCGCAGCTCCACACGTGAAGCTCGCGGTCTCCAGGGAGCTGCGG
 GTGATGTTTCGTTGCACTGCTAGACACGAAATTCCATTGACGTCTGACAGGAACTGCATG
 CTGCAAGTGTCTGCCCTTCCGCCACGAGTGCCCATGTTTCAGCGGAGCGGCGTGTGG
 GAGAAGCCACGTGCTGTTTACATGTGCGAGTGAATGCATTTGTAATCCCTAAGTCAA
 GTAGGCTGGTGCAGTGTTCGATTTGTCTCTAAAAGTCTTCATCGCTAAAAGATACCAT
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 CCATTTCTTTTAGAAAAATAGGGTGATAGGATATTCATTAGTTAAGATGGTAACGTCA
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 TTGAAACAAAATGTCCCACTAAGAAAAATATAGAGCATTATTTTTTTTTTAGTGTTG
 TAAAAATTAACCTCTGTGAGATCCTTTGTATCTTAATGCATTACCTTTACACATATTTA
 TTCTTATTTTCTCTCTTTCAGAGTTTACATTTTATATTTAATTTACTATTTTCAGATTT
 TAAAAATAGTATAGAAAAAGTAGGAGTGATAGAGAACAATACTCTTATACAGTGCA
 ACCCAATACCGCAATGCATCAGCTAAAGCAGCGTGAATAGGAGTGATGAGAAAGTT
 AATGGAGTATTTTATTTCAAAGTCTCTGATAAGCATTGGAAAGAAATCGACATGGATA
 TGAAGATTTCTTTTCTTGCCTATTTTTTATTGTAATATTTATATACTACTGACCA
 AGATGTTGGGGTGGGGGGATTGTTTTTGTAAAAATGCATTATCAGGTCACATAAATC
 TGCCTTTATGTTGCATAAGTAAAAATTTAGAAAAATTAAGCAATTATCTTCCAAAAAAA
 AAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_006322
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_006322.3 , NP_006313.1
RefSeq Size:	3909 bp
RefSeq ORF:	2724 bp
Locus ID:	10426
UniProt ID:	Q96CW5
Cytogenetics:	13q34
Domains:	Spc97_Spc98
Protein Families:	Druggable Genome
Gene Summary:	Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).