

## Product datasheet for **SC337531**

### Gamma tubulin complex component 3 (TUBGCP3) (NM\_001286278) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gamma tubulin complex component 3 (TUBGCP3) (NM_001286278) Human Untagged Clone
Tag:	Tag Free
Symbol:	TUBGCP3
Synonyms:	104p; ALP6; GCP3; Grip104; SPBC98; Spc98; Spc98p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001286278, the custom clone sequence may differ by one or more nucleotides

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ATGGCGACCCCGGACCAGAAGTCGCCGAACGTTCTGCTGCAGAACCTGTGCTGCAGGATCCTGGGCAGGA
GCGAAGCTGATGTAGCCAGCAGTTCAGTATGCTGTGCGGGTGATTGGCAGCAACTTCGCCCCAACTGT
TGAAAGAGATGAATTTTTAGTAGCTGAAAAATCAAGAAAGAGCTTATTCGACAACGAAGAGAAGCAGAT
GCTGCATTATTTTCAGAACTCCACAGAAAACCTCATTACAGGGAGTTTTGAAAAATAAATGGTCAATAC
TCTACCTCTTGCTGAGCCTCAGTGAGGACCCACGCAGGCAGCCAAGCAAGGTTTCTAGCTATGCTACGTT
ATTTGCTCAGGCCTTACCAAGAGATGCCCACTCAACCCCTTACTACTATGCCAGGCCTCAGACCCTTCCC
CTGAGCTACCAAGATCGGAGTGCCCACTCAGCCAGAGCTCCGGCAGCGTGGGCAGCAGTGGCATCAGCA
GCATTGGCCTGTGTGCCCTCAGTGGCCCCGCGCCTGCGCCACAATCTCTCCTCCCAGGACAGTCTAATCA
AGCTCCAGGAGTAGGAGATTGCCTTCGACAGCAGTTGGGGTCCGACTCGCATGGACTTTAACTGCAAAAT
CAGCCTTCTTACAAGCCACTACCTCAAAGGTGTCCCCAGTGTGTGTCTCGAACATGACAAGGTCCA
GGAGAGAAGGGGATACGGGTGGTACTATGGAAATTACAGAAGCAGCTCTGGTAAGGGACATTTTGTACGT
CTTTCAGGGCATAGATGGCAAAAACATCAAATGAACAACACTGAAAATTGTTACAAAGTAGAAGGAAAAG
GCAAACTAAGTAGGTCTTTGAGAGACACAGCAGTCAGGCTTTCTGAGTTGGGATGGTTGCATAATAAAA
TCAGAAGATACACGGACCAGAGGAGCCTGGACCCTCATTCCGACTCGTCGGGCAGAGCTTTTGTGCTGC
CTTGACACCAGGAACTCAGAGAATACTATCGATTGCTCTGTTTTACATTCTCAGCTACAAGTAGAGGAT
GACCAGGGTGTGAATTTGGGACTTGAGAGTAGTTAACTTTCGGCGCCTCCTGGTTTGGACCTATGATC
CCAAAATACGACTGAAGACCCTTGGCGCCCTAGTGACCCTGCCAAGGAAGGAAAGGAGGTGAGCTGGC
CTCAGCTGTCCACGCCTACAAAAACAGGAGACCCGTACATGCGGTCTCTGGTGCAGCAGCATCCTCAGC
CTCGTGTCTCATCCTGTTTTGAGCTTCTGTACCGCTGGATATATGATGGGGAGCTTGAGGACACTTACC
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GAAATCGATGATTCCTTCGTTTATGACGATGGATCAGTCTAGGAAGGTCCTTTTGTAGGAAAATCAATA
AATTTCTTGACCAAGTTTGTGATGATCAGACTCCCACTACAAAGATGATAGCTGTGACCAAGTCTGCAG
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GCAATGAGGCGGTACCTGCTTCTGGTCAAGGAGACTTTATAAGGCATTAATGGACTTGCTAAAACCGAG
AACTTGTCCGTCCAGCTACGACTTGTATCAGCATAACTTGACTGGAATTCTAGAAACCGCTGTCAGAGC
CACCAACGCACAGTTTGACAGTCTGAGATCCTGCGAAGGCTGGACGTGCGGCTGCTGGAGTCTCTCCA
GGTGACACTGGATGGGATGTCTTCAGCCTCGATTATCATGTTGACGGACCAATTGCAACTGTGTTTACTC
GAGAATGTATGAGCCACTACCTAAGAGTATTTAACTTCTCTGGAGGGCGAAGCGGATGGAATACATCCT
CACTGACATACGGAAGGGACACATGTGCAATGCAAAGCTCCTGAGAAACATGCCAGAGTTCTCCGGGGTG
CTGCACCAGTGTACATTTTGGCCTCTGAGATGGTCCATTTTATTATCAGATGCAGTATTACATCACAT
TTGAGGTGCTTGAATGTTCTTGGGATGAGCTTTGGAACAAAGTCCAGCAGGCCAGGATTTGGATCACAT
CATTGTGCACACGAGGTGTTCTTAGACACCATCATCTCCCGTGCCTGCTGGACAGTACTCCAGGGCA
CTTTTAAATCACTTAGAGCTGTGTTGATCAAATTTGAACTTCAGAATGCTCAAGATGCAATATACA
GAGCTGCTCTGGAAGAATTGCAGAGACGATTACAGTTTGAAGAGAAAAAGAAACAGCGTGAAATTTAGGT
TGAGATGTGCCTATACTGCGTTTGA
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001286278

**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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001286278.1</a></u> , <u><a href="#">NP_001273207.1</a></u>
<b>RefSeq Size:</b>	2796 bp
<b>RefSeq ORF:</b>	2475 bp
<b>Locus ID:</b>	10426
<b>UniProt ID:</b>	<u><a href="#">Q96CW5</a></u>
<b>Cytogenetics:</b>	13q34
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks multiple 3' exons and contains an alternate 3' terminal exon, resulting in a distinct 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (3) has a distinct C-terminus and is shorter than isoform 1.</p>