

## Product datasheet for RN204992

### Tubgcp6 (NM\_001108748) Rat Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | Tubgcp6 (NM_001108748) Rat Untagged Clone  |
| Tag:                      | Tag Free   |
| Symbol:                   | Tubgcp6  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |
| Fully Sequenced ORF:      | >RN204992 representing NM_001108748<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCAGCATCACCCAGCTGTTTCGATGACCTCTGTGAGGCTCTTTACCTGCTGCCAGGCTCGCCCCG  
GCCAGCGCAGCGTGAACAGGAAAAAGGCAAAGCTGAGTCTTAAAAGGGTAGCCTACAATGCCTTTTTTCGC  
AAATCTTTTTCAAGAGGACCCCATCAGCGGCAGCCTGACTCGAAGCTCCCTGTGAAAAACAAGTCCCTC  
ATGCTGTCCTTCGATTTGAGGGTCGGGGCTTGGGGCCAGAGGCTGACCGTTTGGAGGAGCTGTAGAGA  
AACTTGAACAGCCCCTGACTGTCCTTTGTGGAAGTGGGACTGAGTGTGGACCTTTAGTTTCAGTGGC  
AGGAAGTGGCCCCCTCAAGTGCTGCGCAGGAAACGGGATTAATCTTTAATAACAGCAGCAGGCGCCG  
AACATAACCATAACAGCGGTACGATTGCTATGACTTGAGTGTGTTGAAATGGACGTTCCGGTCACTCATCT  
CTGGGGAGGAGAAATTTGTGCATAACATGGTCCAGGAAGCCCTTCAGGTGATGGAGGCTGCCAGGCAC  
TGGCCTGACCACCGTTGGGCTCTCTCAACTGGTACTCTTGTGGTGACAGGTTTGGAGAGACTAGG  
GTCTCTCTCTCGGTGCACTTGTGCATAGCCGCACATATGACATGGATGTGCGACTGGACCTGCCCCCTG  
TGCCAGACAGCGCCGACTTCTCTGGACTGGCCATCAAGTCCCACAGATTGTGGATCAGTGGGAAGATGA  
AGGTTTCCAATCAGCTTCCAACCTAACTCCCGACTCCCAGTCTGAACCAAGCATGACCCCGATTGGAC  
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TGGAGAACTACAGGCCCTCAGTGGGGCCCTCCTCCAGACCCCAAGGCCTGTGCTGGTGGAGGAAAGCGAG  
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AAGCTTTTGTAGTGGAGCCGGCGTGCAGTGTGAGGTGCATCTCCTGAAAGCATCAGCAGCATCCTTTC  
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TTGTGCAGCAGGGCCCTCGTGTCCAGGCCCTCACCAGCGCCTCAGGAGTACTGCAGTATTACCGCG  
CCTGTGTTCTCTCACTCCACCTACCCTAAGTCTCCTCACCATTGGCTTTCTCTTCAAGAAGCTAGGCCG  
GCAGCTCAGTACTTGGCTGAGCTTTGTGGTGTGGCACTGTATCCCTGGCGACCAAGTGGAGAACCAGG  
GCTGTGTTCCCACTGGGGTGAAGCTTCTGTCTACCTTACCAGGAAGCACTAGATAAATCAGTAATG  
AACACTATCTGTGTTGCTGTCCCTGTTGAAAACCAGCTGTGAGCCCTACACACGGTTCATCCATGATTG



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GGTGTACAGTGGTGTCTTCAGAGATGTTTATGGGGAGTTCATGATCCAAGTTAACCACGAGTACCTTAGC  
TTCAGAGACAAGTTTTACTGGACCCATGGCTACGTGCTCATTTCCAAAGAGGTAGAGGACTGTGTTCCCTG  
TGTTCTTGAAACACATTGCTCACGATGTGTATGTCTGTGGAAAGACCATCAACCTACTGAAGCTCTGCTG  
TCCCCGGCATTACCTTTGTTGGTCTGATGTCCCTGTGCCGATCTCCGTGATCTTCTCTCTCGAGGAA  
TTGAAGGAGATTGAGAAGGACTGTGCCGTCTATGTTGGGCGGATGGAGAGAGTTGCACGTTATAGTTCTA  
TCAGCAAGGAGGAAAAGAACTACGTATGAAAATTGCAAAAACAAGAACTAATTGTCCATGCCCGGGAAGC  
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CGAGAGCAGTTTTACGCGACTGAAGGAACAGTTTTGTGAAGGATCAGGAGAGACGCCTGGCAGCCAGACAAG  
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CAGAGTATGATTTCAATACCATACTGAGGCCAGCTATGGCTACCCCCCTTTACCGGGACCTTCCGGGA  
TGTTTCAGAATAGTGTAGACAGTGAACACAGCATCTACTGCGGGATATGCCACAAAACCAGATTCATGT  
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CAGCATCAAGGTTGGGGAGAATGTGTGATGAGCTGGCTCCTTCTCGGCCACGGTGAATGTCCACGGACAT  
GTGTCCGATGCCAGCATCAAGGTTGGGGAGAATGTGTGATGAGCTGGCTCCTTCTCGGCCACGGTGAATG  
TCCACGGACATGTGTGATGCCAGCATCAAGGTTGGGGAGAATGTGTGATGAGCTGGCTCCTTCTCGGCC  
ACGGTGAATGTCCACGGACATGTGTGATGCCAGCATCAAGGTTGGGGAGAATGTGTGATGAGCTGGCT  
CCTTCTCGGCCACGGTGAATGTCCACGGACATGTGTGATGAGGCCAGTATTAGGATTGGGGAGAATGTGT  
CAGATGTGGATCTTCCAGCCATGGACATGTTCCAGCTCCCTTGATTCTGGAGGAGCCCTTCCAGAAAGC  
TGAGCCTGACCTCAAGTCCCATCAGTGTCCCTGATCATGTGTCTCAGACAGTCTTTGTGTGGAAGCA  
CAGAGCCCTGCTCAAGAAATGTGAGCCTCAACTACCTGAAGAAATGAAGCCTACCATCTGTTTGAAGCCTG  
GCAGTACAGAGGAAGGTAGCCTCCAGACCAAGACCCCTTGACTGAGCCTAGCATGCTGGAAATGGCAT  
CCCTGAAGAGAAAAGGCCAAGGAGGAATAGGGATGCTGAAGACCTTTCTCCATGTTTACCTTCAAGCCCA  
CAGGAAGACACACTCCCCAGTAGCCAGGTCTAGTGAGGAGGTACCAAGCACAGAAGCGGAGGAGGCCA  
GACGCTGGGGCAAGGAGCAAGCCTATTTGGCAGATCTCATGAAACTGTACCGCCTGGAGCAGTACCCGGA  
CAGCTACGAGTCCATGTCCGAACCTCCCATGGCTCACTGGTACACCACATGCTTCCCGGGCCTTCGCC  
TTCCCTGTTGACCCCAAGTGCAGTGCAGTGGATGAGAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAGT  
TGCTGTGCTTATGAAGCGCTCCCTCATGGCTCCTTTGGCTGCCATGTCAGTGGTCAACAAAGCTGC  
CGTCGACTACTTCTTTGGAGCTGCACCTGGAGACACACTTTGAGGCACTGCGGCATTTCTGCTGATG  
GAGGATGGAGAGTTCGCTCAGTCCCTCAGTGACCTGCTTTTTGAGAAGCTAGGGGCTGGGACAGCCTG  
GAGAGTGTCTCAACCCACTGGTCTTAAACAGCATCCTGAGCAAGGCACTGCAGTATAGCCTCCACGGGGA  
CACCCACATGCTACCAACCTGTCTTTTGCCTCAAGTACCTGCCTGAGGTGTTTGCCTAATGCCCA  
GATGTGCTGAGTGCCTGGAGCTCAGGTACAAGGTCGACTGGCCCTCAACATTGTTATACCGAGAGCT  
GCCTGAACAAGTACAGTGGGATCTTCTCCTTCTGTTGCAAGTGAAGCTCATGATGTGGACTCAAGA  
CATCTGCTCCACCTCAAGCGCACAGCCCTAGTGAGCCACACAGCTGGCTCAGTGCAGTTCGACAGCTG  
CAGCTGTTAAGCATGAGATGCAGATTTTGTGAAAGTCAACAGGGCTACATTGCTAACCAGATCTGCTG  
ACGTCAGCTGGTGTGAGTTCAGAGCCCGCTAGCTGTGGTGGGCGACCTGGAGGAGATTCAGCGGGCCCA  
TGCCGAGTACCTACACAGGGCTGTTTTAGGGGCTACTGACCGAGAAGGCAGCACCCGTCATGAACATC  
ATCCATAGCATCTTACAGCCTGGTGTCAAGTCCGAAGCCAGCTCATCTCTCAGAACTGGGGCCCGGCTA  
CCGGCCCCCGTGGTGGCAGCACCCCAACTTCCACTCATGCAGCAGTCTACAGCACCTTCAAGTACTA  
CTCCACTTCTTCAAAGTAGTACCAAGCTGGTGAACAGAGGCTATCAGCCCCACTGGAAGACTTT

TTGCTTCGGATCAACTTCAACAACACTACTACCAGGACTCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_001108748  |
| <b>Insert Size:</b>           | 5292 bp   |
| <b>OTI Disclaimer:</b>        | 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>NM_001108748.1, NP_001102218.1</u>   |
| <b>RefSeq Size:</b>           | 6445 bp   |
| <b>RefSeq ORF:</b>            | 5292 bp   |
| <b>Locus ID:</b>              | 362980  |
| <b>Cytogenetics:</b>          | 7q34  |