

Product datasheet for **RN214789**

Tubgcp2 (NM_001107560) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tubgcp2 (NM_001107560) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tubgcp2
Synonyms:	Adam8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN214789 representing NM_001107560
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGAATTTTCGGATTACCATGATGTCAATGAGCTGCTCAGCCTGCTGCGTATCCATGGTGGGGACG
 GGGCTGAGGTCTACATTGACCTGCTGCAGAAGAACCAGGACCCATATGTTACGACAACAGTGTCTGCCCA
 CAGTGCCAAGGTCAAATTTGCAGAGTTTTCTCGAACGCCTGAGGACTTTTTAAAGAAATATGATGAACTG
 AAATCTAAAAATACAAGGAACCTTGACCCACTGGTGTACCTGTTATCAAACTCACAGAAGACAAAGAGA
 CACTTCAGTATTTGCAACAGAATGCAAAGGAAAGAGCTGAACTTGACGCTAGTGTGCAGCCAGCAGTGC
 CACCGTTTTAGCATCCCTGTTGCAGCCTTAAGATGTCCACACAGGAGCTAGAGGAACTGAGGAAGCAG
 CTTGGCAGTGTGGCTACAGGCTCCACACTGCAGCAGTCTCTGGAACCTACAAGAAAGATGCTTCGAGACA
 AACAGAACAAAAAATTCAGGCCAGCCCCTCCAGTCTTCCAGCATGGGTATATGAGAGACCAACT
 GGCTGGAGATTTCTGATTGGTTTCGGGCTTGAGCTCAGACAACTTTGCCTATAGTACATTGCCCTTG
 GCCTCCAGGAGTCAAGCAGTGGTGAAGATCTGCTCTATGTGCTTGTGGGAGTGGATGGCAGGTACATCA
 CTGCTCAGCCTTTGGCTGGGAGGCAGAACCCTACCTTCCTTGTAGATCCCAACTGGACCTGTCCATCCG
 GGAGCTAGTAAACAGAATCCTCCCTGTGGCTGCCAGTACTCTACTGTGACCAGGTTCAATTGAGGAGAAG
 TCTTCAATTTGAATATGGGAGGTGAACCATGCCTTGGCTGCTGCCATGAGAACCCTGGTGAAGGAATACC
 TGATTCTCGTACACAACCTGGAACAGCTACACAGGCAGGGCCTCCTCTCGCTGCAGAAGCTCTGGTTCTA
 CATCCAGCCAGCCATGCGTACCATTGACATCCTGGCCTCCCTGCCACCTCCGTGGATAAAGGCGAGTGT
 GTTGGCGGGTTCGACGCTGAGCCTTCTCCATGATAGGAGCTTCAACTACACAGGGGACAGCCAGGCGCAGG
 AGCTGTGCCTCTATCTGACCAAGGCGGCCAGCCTCCTTACTTTGAGATCCTGGAGGATGGATCTACAG
 AGGCGTCAATTCAGGACCCATACAGTGAAGTTCATGGTGGAGGAGCAGGAGCTGCGGAAGGAGAAGATACAG
 GAGGACTACAATGACAAGTACTGGGACCAGCGCTACACTGTGCTGCCACAGCAGATCCCATCCTTCTCTGC
 AGAAGGTAGCAGGCAAGATCCTCAGCACAGGAAAATACCTAAATGTGGTCAGAGAATGTGGTCATGATGT
 CACCTGTCCCAGTACCAAGAGATCATCTATACCCTCAAAGAGCGGGCATATGTGGAGCAGATTGAGAAA
 GCGTTCAATATGCCAGCAAAGTGTCTGCTGGACTTCTCATGGAGGAGAAGGAGCTGGTGGCCACCTGA
 GGTCCATCAAGCGCTACTTCTGATGGACCAGGGGACTTCTTTGTGCACTTCATGGACCTGACTGAGGA
 GGAGCTCAGGAAGCCAGTAGAGGACATTACGCCACACGCCTGGAGGCTCTGTTGGAGCTGGCCCTGAGA
 ATGAGCACTGCCAACACTGACCCCTTCAAAGACGACCTCAAGATTGACCTGATGCCTCACGACCTTATCA
 CTCAGCTTTTGGCGGTTCTGGCCATAGAGACCAAGCAAGAGAAGCAATGACCCATGCTGACCCACCGGA
 GCTCACTCTGAGTGGTCTCGAGGCTTTCTCCTTTGACTATATGGTCAAATGGCCCTTGTCACTGATTATT
 AACAGGAAGGCACTCACCCGCTACCAGATGCTCTTCCGACACATGTTCTACTGCAAGCACGTGGAGCGAC
 AGCTCTGCAGTGTCTGGATCAGCAACAAGACAGCCAAGCAGCATGCGCTGCACTCCGCCAAGTGGTTTGC
 TGGTGTCTTACGTTGCGGCAGCGAATGCTCAACTTCGTCCAGAATATTCAGTACTACATGATGTTTGAA
 GTAATGGAACCGACCTGGCACATCCTTGAGAAAAACCTGAAATCTGCCTCCAACATTGACGATGCCTTG
 GCCACCACACAAGTTTCTTGACAACCTGCTGAAGGACTGCATGCTGACCAACCTGAGCTGCTGAAGGT
 TTTCTCCAAGCTCATGTCCGTGTGCGTCAATGTTACCAACTGTATGCAGAAATTTACACAGAGATGAAA
 CTGGACAGTGAAGTGGCCGCTGACACTGGATCAGGGTGTGTCAGGGGCCACCCAGAGAGTGAAGC
 GGATTGATGATGCTCCCGGAAGGAGCCTACCAGGAAGCACCTGCCTGAGCATGTGGACACTCCTCAGCT
 GTCCTCCGGCTTCGAGGCCACCATCAACAACCTTGACAAAACTTCTCTGCCATCTTCTTGATTGCTG
 GCCCGACTAAGTGTCTACAGCACCAGTACTGTGAACACGGCATGGCCAGTGTCTCAGGCTAGATT
 TCAATGGTTTCTATGCGGAACGCTGGAACGTCTGTCTGCAGAAAGGAGTCAGAAAGCTGCCCCCAAGT
 GCCTGTCCAAGGGGACCCAGCACCAGCATCCAGGGTGGCCATTCTGCTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001107560

Insert Size:	2718 bp
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).
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:	<u>NM_001107560.2</u> , <u>NP_001101030.1</u>
RefSeq Size:	2852 bp
RefSeq ORF:	2718 bp
Locus ID:	309098
Cytogenetics:	1q41