

Product datasheet for **RN215281**

Tuba3a (NM_001040008) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tuba3a (NM_001040008) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tuba3a
Synonyms:	Tuba3b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215281 representing NM_001040008
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGTGAGTGCATCTCTATCCACGTGGGGCAGGCAGGTGCCAGATTGGCAATGCCTGCTGGAACTGT
 ACTGCCTTGAACATGGTATTCAACCTGACGGTCAAATGCCAAGCGACAAAACCATTGGCGGTGGGGACGA
 CTCAATCAACACGTTCTTCAGTGAGACTGGCGCCGCAAGCACGTGCCAGAGCAGTGTTTGTGGACCTG
 GAGCCACTGTGGTCGATGAAGTGCACGCGGAACCTACCGCAACTCTCCACCCAGAGCAGCTGATCA
 CTGGGAAGGAAGATGCAGCCAATAATTATGCCAGAGGTCACTACACCATTGGCAAAGAGATTGTTGACCT
 GGTCTGGACAGAATCCGAAAACCTGGCTGATCTGTGCACGGGGCTGCAGGGCTTCTCATCTCCACAGC
 TTTGGAGGGGGCACAGGGTCTGGTTCATCTCTGCTGATGGAGCGGCTTCCGTGGACTACGGCAAGA
 AGTCCAAGCTGGAGTTTCCATCTACCCAGCCCCCAGGTCTCCACGGCTTTGTGGAGCCTTACAACCT
 CATCTGACCACACACGACACTGGAGCACTCTGACTGTGCTTTCATGGTGGATAATGAAGCCATCTAC
 GACATCTGTCCGGCAAACCTGGACATTGAACGTCCCCTTACACCAACCTCAATCGTCTGATTGGGCAGA
 TTGTGTCGTCCATCACAGCCTCTCTGAGTTTCGACGGGGCCCTGAATGTGGACTTAACAGAATCCAGAC
 CAACCTGGTGCCATACCCTCGAATCCACTTCCCACTGGCCACCTATGCCCGGTCTCCGCCGAGAAG
 GCCTACCATGAGCAGCTGTCAAGTGGCAGAGATCAACAACGCTTGTCTTGGCCAGCCAATCAGATGGTCA
 AGTGTGACCCCTCGCCATGGCAAATACATGGCCTGCTGCATGTTGTACAGGGGGATGTGGTTCCAAAAGA
 TGTCAACGCGGCTATTGCTACCATCAAAACCAAGCGTACCATCCAGTTTGTGGATTGGTGTCCAACCTGGC
 TTTAAGGTGGGCATTAACCTACCAGCCTCCACCGTGGTCCCTGGGGCGACCTGGCCAAGGTGCAGCGGG
 CCGTGTGCATGCTGAGCAACCACTGCCATCGCAGAGGCCTGGGCCCGCTGGACCACAATTTGACCT
 CATGTACGCCAAAGCGGGCCTTCGTGCATTGGTACGTGGGAGAGGGCATGGAGGAAGGGGAGTTCTCAGAG
 GCCCGGGAGGACCTGGCCGCGCTGGAGAAAGATTATGAAGAGGTGGGCGTGGATTCTGTGAAGCAGAGG
 CAGAAGAAGGGGAGGAGT**GA**

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001040008
- Insert Size:** 1353 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:**
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_001040008.1](#), [NP_001035097.1](#)
RefSeq Size: 1534 bp
RefSeq ORF: 1353 bp
Locus ID: 500319
UniProt ID: [Q68FR8](#)
Cytogenetics: 4q42