

Product datasheet for RN211949

Tubg1 (NM_145778) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tubg1 (NM_145778) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tubg1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211949 representing NM_145778 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGAGAGAAATCATCACCTACAGTTGGGCCAGTGC GGCAATCAGATTGGGTTTCGAGTTCTGGAAC
AGCTATGTGCTGAGCATGGCATCAGCCCCGAGGGCATCGTAGAGGAGTTCGCCACCGAGGGCACTGACCG
CAAGGACGCTTTTTCTACCAGGCAGACGATGAGCATTACATCCCCGGGCTGTGCTGGACCTGGAG
CCCCGGGTGATCCATTCCATCCTCAACTCCTCCTATGCCAAGCTCTACAACCCAGAGAACATCTACCTGT
CCGAGCATGGAGGAGGGCTGGCAACAACCTGGGCCAGCGGATTCTCCAGGGAGAAAAATCCACGAGGA
CATTTTTGACATCATTGATCGGGAGGCAGATGGCAGTGACAGCCTAGAGGGATTTGTACTGTGCTACTCC
ATTGCTGGGGGACAGGCTCTGGCTTGGGCTCCTACCTTTGGAACGGCTAAATGACAGGTACCCCCAAA
AACTAGTGCAGACGTA CTCCGTGTTCCCAACAGGACGAGATGAGTGACGTGGTGGTCCAGCCCTACAA
CTCCCTCCTCACGTTAAAGAGGCTGACCCAGAACGCGGACTGTGTGGTGGTGGTGGACAACAGGCCCTG
AACCTGATCGCCACAGACCGCTGCACATCCAGAACCCATCCTTCTCCAGATCAACCAGCTGGTGTCCA
CCATCATGTGAGCCAGCACCACCCTGCGCTACCCCGGATACATGAACAACGACCTCATCGGCCCTCAT
CGCCTCACTCATTCCACCCCTCGACTACACTTCTCATGACTGGCTATACCCCCCTCACACGGACCAG
TCAGTGGCCAGTGTGAGGAAGACAACAGTCCTGGATGTCATGAGGAGACTGCTACAGCCCAGAACGTGA
TGGTGTCCACAGGTGGGATCGTCAGACCAACCACTGCTACATCGCCATCCTCAACATCATCCAGGGAGA
GGTGGACCCACCCAGGTCCACAAGAGCCTGCAGAGGATCCGGGAGAGGAAGTTGGCCAACCTTTATCCCC
TGGGGCCCGCCAGCATCCAGGTGGCCCTGTCAAGGAAGTCTCCCTACCTGCCCTCAGCCCACCGGGTCA
GCGGGCTCATGATGGCCAACACACAGTATCTCCTCGTTTTTGAAGGACCTGTGCCAGTTTGACAA
GCTGAGGAAACGGGAGGCCTTCATGGAGCAGTTCGCAAGGAGGACATCTTCAAGGACAATTTGACGAG
ATGGACACCTCCAGGGAGATTGTGACGACGCTGATTGACGAGTACCATGCGGCCACACGGCCAGACTACA
TCTCCTGGGGCACCCAGGAGCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_145778
Insert Size:	1356 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_145778.2</u> , <u>NP_665721.1</u>
RefSeq Size:	1685 bp
RefSeq ORF:	1356 bp
Locus ID:	252921
UniProt ID:	<u>P83888</u>
Cytogenetics:	10q31
Gene Summary:	involved in organizing of the microtubule network [RGD, Feb 2006]