

Product datasheet for **RR211949**

Tubg1 (NM_145778) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tubg1 (NM_145778) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tubg1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR211949 representing NM_145778
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGAGAGAAATCATCACCTACAGTTGGGCCAGTGGCCAAATCAGATTGGGTTTCGAGTTCTGGAAC
AGCTATGTGCTGAGCATGGCATCAGCCCCGAGGGCATCGTAGAGGAGTTCGCCACCGAGGGCACTGACCG
CAAGGACGCTTTTTCTACCAGGCAGACGATGAGCATTACATCCCCGGGCTGTGCTGGACCTGGAG
CCCCGGGTGATCCATTCCATCCTCAACTCCTCCTATGCCAAGCTCTACAACCCAGAGAACATCTACCTGT
CCGAGCATGGAGGAGGGCTGGCAACAACCTGGGCCAGCGGATTCTCCAGGGAGAAAAATCCACGAGGA
CATTTTTGACATCATTGATCGGGAGGCAGATGGCAGTGACAGCCTAGAGGGATTTGTACTGTGCTACTCC
ATTGCTGGGGGACAGGCTCTGGCTTGGCTCCTACCTCTTGAACGGCTAAATGACAGGTACCCCCAAA
AACTAGTGCAGACGTAATCCGTGTTCCCAACAGGACGAGATGAGTGACGTGGTGGTCCAGCCCTACAA
CTCCCTCCTCACGTTAAAGAGGCTGACCCAGAACGCGGACTGTGTGGTGGTGGTGGACAACCGGCCCTG
AACCTGATCGCCACAGACCGCTGCACATCCAGAACCCATCCTTCTCCAGATCAACCAGCTGGTGTCCA
CCATCATGTGAGCCAGCACCACCCTGCGCTACCCCGGATACATGAACAACGACCTCATCGGCCCTCAT
CGCCTCACTCATTCCACCCCTCGACTACACTTCTCATGACTGGCTATACCCCCCTCACACGGACCAG
TCAGTGGCCAGTGTGAGGAAGACAACAGTCTGGATGTCATGAGGAGACTGCTACAGCCCAAGAACGTGA
TGGTGTCCACAGGTGGGATCGTCAGACCAACCACTGCTACATCGCCATCCTCAACATCATCCAGGGAGA
GGTGGACCCCAACAGGTCCACAAGAGCCTGCAGAGGATCCGGGAGAGGAAGTTGGCCAACCTTTATCCCC
TGGGGCCCGCCAGCATCCAGGTGGCCCTGTCAAGGAAGTCTCCCTACCTGCCCTCAGCCCAACGGGTCA
GCGGGCTCATGATGGCCAACACACAGTATCTCCTCGTTTTTGAAGGACCTGTGCCAGTTTGACAA
GCTGAGGAAACGGGAGGCCTTCATGGAGCAGTCCGCAAGGAGGACATCTTCAAGGACAATTTGACGAG
ATGGACACCTCCAGGGAGATTGTGCAGCAGCTGATTGACGAGTACCATGCGGCCACACGGCCAGACTACA
TCTCCTGGGACACCCAGGAGCAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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ACCN:	NM_145778
ORF Size:	1353 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_145778.2 , NP_665721.1
RefSeq Size:	1685 bp
RefSeq ORF:	1356 bp
Locus ID:	252921
UniProt ID:	P83888
Cytogenetics:	10q31
MW:	51.1 kDa
Gene Summary:	involved in organizing of the microtubule network [RGD, Feb 2006]