

Product datasheet for **RR211587**

Tubb6 (NM_001025675) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tubb6 (NM_001025675) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tubb6
Synonyms:	RGD1305887
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR211587 representing NM_001025675
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGGGAGATTGTGCACATCCAGGCGGGCCAGTGTGGGAACCAGATCGGTACCAAGTTTTGGGAAGTGA
 TCAGCGATGAGCACGGCATCGACCCGGCCGAGGCTACGTGGGCGACTCGGCGCTGCAGCTGGAGAGGAT
 CAGCGTCTACTACAATGAGTCATCCTCTAAGAAGTACGTACCCAGGGCTGCCCTGGTGGACTTGGAGCCC
 GGCACCATGGACAGCGTGAGGTCTGGGCCCTTTGGGCAGCTCTCCGGCCTGACAACCTCATCTTCGGAC
 AGACGGGTGCCGGGAACAACCTGGGCCAAGGGCCACTACACGGAGGGCGCGGAGCTGGTGGACTCGGTGCT
 GGATGTGGTGGCAAGGAGTGTGAGCACTGCGACTGCCTGCAGGGCTTCCAGCTCACTCACTCGTGGGC
 GGTGGCACGGGCTCGGGCATGGGCACGCTGCTCATCAGCAAGATCCGAGAGGAGTACCCAGACCGCATCA
 TGAACACCTTCAGCGTCATGCCGTCTCCAAGGTCTCAGACCCGTGGTGAACCCTACAATGCCACACT
 GTCGGTGCACAGCTGGTGGAGAACCAGATGAGACCTACTGCATCGACAATGAGGCCCTCTACGACATC
 TGCTTCCGCACGCTCAAGCTGACCACACCCACTTACGGGGACCTCAACCCTTGGTATCTGCTACCATGA
 GTGGTGTCAACACATCACTGCGTTTTCCCTGGCCAACTCAATGCCGACCTGCGCAAGCTGGCTGTGAACAT
 GGTGCCCTTCCCGCCCTGCATTTCTTCATGCCCGGATTCCGCCCCGCTCACAGCCCGGGGTAGTCAGCAG
 TACCGTGCCCTGACAGTGCTGAGCTCACACAGCAGATGTTTCGATGCCAAGAACATGATGGCTGCCTGTG
 ACCCAGCCATGGCCGCTACCTGACCGTCGCCACTGTCTTCCGGGGCCCCATGTCATGAAGGAGGTGGA
 CGAGCAGATGCTGGCCATCCAGAACAAGAACAGCAGCTACTTTGTGGAGTGGATTCCCAACAACGTGAAG
 GTAGCCGTGTGTGACATCCACCACGGGGCCTGAAGATGGCCTCCACCTTCATAGGCAATAGCACTGCCA
 TCCAGGAGCTATTCAAGCGCATCTCAGAGCAGTCTCAGCCATGTTCCGCCGCAAGGCCTTCTGCACTG
 GTTACCAGGCGAGGGCATGGATGAGATGGAGTTACCCGAGGCCGAGAGCAACATGAATGACCTGGTGTCC
 GAGTACCAGCAGTACCAGGACGCCACAGTCAACGATGGGGAAGAGGCTTTTGAAGATGAGGATGAAGAAG
 AGATCAACGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR211587 representing NM_001025675
 Red=Cloning site Green=Tags(s)

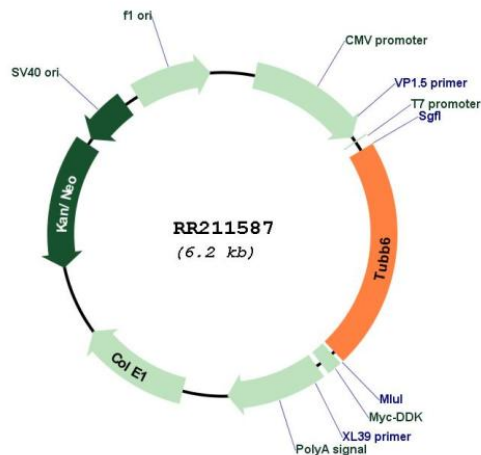
MREIVHIQAGQCGNQIGTKFWEVISDEHGDIDPAGGYVGDALQLERISVYYNESSKKYVPRALVDLEP
 GTMDSVRSFPFGQLFRPDNFIQGTGAGNNWAKGHYTEGAELVDSVLDVVRKECEHCDLQGFQLTHSLG
 GGTGSGMGTLLISKIREEYPDRIMNTFSVMPSPKVSPTVVEPYNATLSVHQLVENTDETYCIDNEALYDI
 CFRTLKLTTPTYGDLNHLVSATMSGVTTSLRFPQQLNADLRKLA VNMVFPRLHFFMPGFAPLTARGSQQ
 YRALTVPELTQQMFDANKMMAACDPRHGRYLTVATVFRGPMMSKEVDEQMLAIQKNSSYFVEWIPNNVK
 VAVCDIPRGLKMASTFIGNSTAIQELFKRISEQFSAMFRRKAFLHWFTGEGMDEMEFTEAESNMNDLVS
 EYQYQDATVNDGEEAFEDEDEEINE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001025675

ORF Size: 1341 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:

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_001025675.1](#), [NP_001020846.1](#)

RefSeq Size: 1776 bp

RefSeq ORF: 1344 bp

Locus ID: 307351

Cytogenetics: 18q12.1

MW: 50.1 kDa