

Product datasheet for MC205291

Tuba1a (NM_011653) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tuba1a (NM_011653) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tuba1a
Synonyms: Tuba-1; Tuba1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC056169
AAGAAGCAACACCTCCTCCTCGCCTCCGCCATCCACCCGGCAGCCGCGAAGCAGCAACCATGCGTGAGTG
CATCTCCATCCATGTTGGCCAGGCTGGTGTCCAGATCGGCAATGCCTGCTGGGAGCTCTACTGCCTGGAA
CATGGCATCCAGCCTGATGGCCAGATGCCAAGTGACAAGACCATTGGGGGAGGAGATGACTCCTTCAACA
CCTTCTTCAGTGAGACAGGAGCTGGCAAGCATGTGCCCGGGCAGTGTTGCTAGACCTGGAACCCACGGT
CATCGATGAAGTTCGCACCGGCACCTACCGCCAGCTCTCCACCCTGAGCAGCTCATCACAGGCAAGGAG
GATGCTGCCAATAACTATGCTCGTGGCCACTACACCATTGGCAAGGAGATCATTGACCTTGTCTGGACA
GGATTCGCAAGCTGGCTGACCAGTGCACAGGTCTCCAGGGCTTCTGGTTTTCCACAGCTTTGGCGGGG
AACTGGCTCTGGCTTACCTCCCTGCTGATGGAGCGGCTCTCTGTGGATTACGGAAAGAAGTCCAAGCTG
GAGTTCTCCATTTACCCAGCCCCCAGGTTTCCACTGCTGTGGTTGAGCCCTACAATTCCATCCTCACCA
CCCACACCACCCTGGAGCACTCTGATTGTGCCTTCATGGTAGACAATGAGGCCATCTATGATATCTGTCTG
TAGAAACCTCGACATTGAGCGCCCAACCTACACTAACCTAACAGGTTGATAGGTCAAATTTGTCTTCC
ATCACTGCTTCCCTCAGATTTGATGGGGCCCTGAATGTTGATCTGACAGAATCCAGACCAACCTGGTAC
CCTACCCTCGTATCCACTTCCCTCTGGCCACTTATGCCCTGTCTCTGCTGAGAAAGCCTACCACGA
GCAGCTTTCTGTAGCAGAGATCACCAATGCCTGCTTTGAGCCAGCCAACCAGATGGTGAAATGTGACCCCT
CGCCATGGTAAATACATGGCTTGTCTGCCTGCTGTACCGTGGTGTGTTGCCAAAGATGTCAATGCTG
CCATTGCCACCATCAAGACCAAGCGTACCATCCAGTTTGTGGACTGGTGGCCCACTGGCTTCAAGGTTGG
CATTAACCTACCAGCCTCCCACTGTGGTACCCGGTGGTACCTGGCCAAGGTGCAGAGAGCTGTGTGCATG
CTGAGCAACACCACAGCCATTGCTGAGGCTGGGCTCGCCTAGATCACAAGTTTGATCTGATGATGCCA
AGCGTGCCTTTGTGCACTGGTATGTGGGTGAGGGCATGGAGGAGGTGAGTTCTCTGAGGCCGTGAGGA
CATGGCTGCCCTAGAGAAGGATTATGAGGAGGTTGGTGTGGATTCTGTGGAAGGCAGGGGGAGGAAGAA
GGAGAGGAATACTAAATTAATGTACAAAGGTGCTGCTTCCACAGGGATGTTTATTGTGTTCCAACACAG
AAAGTTGTGGTCTGATCAGTTAATTTGTATGTGGCAATGTGTGCTTTCATACAGTTACTGACTTATGAAT
GATTGATTTGACAGAGACCCAAGCTGCCCATTTCACTTATGGGTTTTAAATAAAATACTCCCTGTCTTAA
AAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI



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ACCN:	NM_011653
Insert Size:	1356 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	BC056169 , AAH56169
RefSeq Size:	1627 bp
RefSeq ORF:	1356 bp
Locus ID:	22142
UniProt ID:	P68369
Cytogenetics:	15 55.29 cM
Gene Summary:	<p>Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain. [UniProtKB/Swiss-Prot Function]</p>