

Product datasheet for MC203136

Tubg2 (NM_134028) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tubg2 (NM_134028) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tubg2
Synonyms:	A1504772; Tubgl
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC019652

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CAGAGAGAGGCTATGAGAGAAAATGATGCCAGGATGGGCTCTGCCGCCCGCGGCTGCGGAGAGGCCCA
ACTGCACACGCGCAGACCCAGCGCCCGGTCAAACATCAGTCGACAGCGGTTCCCCATGTCTCGGC
CTCCGGCTGGCAGGAGTTCTCTCAGTCGTGACCCCGCCGCGCAGGCCGGGGCGGACGAGCTAGGTTGA
TCGGCGATGCCCGGGAGATCATCACCTGCAGCTGGGCCAGTGCGGCAACCAGATTGGTTTCGAGTTCT
GGAAACAGCTGTGTGCTGAACATGGAATCAGCCCCGAGGGCATCGTAGAGGAGTTGCCACCGAGGGCAC
TGACCGAAAGGATGTCTTTTTCTACCAGGCAGATGATGAGCACTACATCCCCGGGCTGTGCTGGAC
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CCCACCACGCCAGACCTCTGACCCAACCTCGCCTCACATTTTTGTGTTTATGTGCAATTTAGGAACTG
TTCTGTCTTCTTTTACCCCTGGCGCTTGGCTGGCTTGGTTAAGTTCTAATAAATAAAGCGTGATGAT
GCATTGAAAAAAAAAAAAA
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Restriction Sites:	RsrII-NotI
ACCN:	NM_134028
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>BC019652</u> , <u>AAH19652</u>
RefSeq Size:	1771 bp
RefSeq ORF:	1356 bp
Locus ID:	103768
UniProt ID:	<u>Q8VCK3</u>
Cytogenetics:	11 D
Gene Summary:	Tubulin is the major constituent of microtubules. The gamma chain is found at microtubule organizing centers (MTOC) such as the spindle poles or the centrosome. Pericentriolar matrix component that regulates alpha/beta chain minus-end nucleation, centrosome duplication and spindle formation (By similarity).[UniProtKB/Swiss-Prot Function]