

## Product datasheet for **SC200754**

### alpha Tubulin (TUBA4A) (NM\_006000) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	alpha Tubulin (TUBA4A) (NM_006000) Human 3' UTR Clone
Symbol:	alpha Tubulin
Synonyms:	ALS22; H2-ALPHA; TUBA1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006000
Insert Size:	672 bp
Insert Sequence:	>SC200754 3'UTR clone of NM_006000 The sequence shown below is from the reference sequence of NM_006000. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TATGAGGACGAGGATGAGGGAGAAGAATAAAGCAGCTGCCTGGAGCCTATCACTATGTTTATTGCAAA
ATCCTTTTCGAAATAAACAGTTTCTTGCACGGTTTCTTGTTCCTCTGAGTGCTTGAGCTTCTGCTGCC
TTCCCCTTCATGCTGCTGCTGCTGCTGTTTGTCTGTTTCATGACCCTATCCCTTCCATCGCTGAAGGTGAG
ACCTGCAAAGGGGTTCTTGCCAGGCCAGGAAGCATAACCCCAGGGACTTAAATTGAAGTCCTAGGGT
TACTCAGTATAGGAGGAAATGAGGACCAAAATCCAGGCACAAACTGTTGAAGGATGAGTCTTCAGCTC
CTTCCAAGTAGGAGTATAATCCAGTGGTTTCTGTCTTTGAAAGTTAGACTGCTACCCTGTTCTTCTCTG
CTGCCCTACATTTACCAACTCTGGAAGCAAGGCTTGGCCAGGCTCCTCTGTGCATTATGAGGGTTTG
GGAGTGGGGCTGGGCTGGCCAGAGTTCCTGGGCATGGAGCCACGTCATAAGCTTGGGGGATGGGAGGG
AACACAGGCGATCTCCTAGAGTTGTTTGTGCCACTGCACCTCTGAGCAGCTTTGCATAGCTTCTGTCT
TGCTGCTTTGCTGGAGCTGGGGCTGTGCCATTAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGT
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_006000.3</a>
<b>Summary:</b>	Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. This gene encodes an alpha tubulin that is a highly conserved homolog of a rat testis-specific alpha tubulin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]
<b>Locus ID:</b>	7277
<b>MW:</b>	24.2