

Product datasheet for **SC200609**

TUBA3E (NM_207312) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TUBA3E (NM_207312) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TUBA3E
ACCN:	NM_207312
Insert Size:	116 bp
Insert Sequence:	>SC200609 3'UTR clone of NM_207312 The sequence shown below is from the reference sequence of NM_207312. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCTGAGGCTGAAGAAGGCGAAGCATACTGAGGGGAGGGTGTGGTGGTCTCCCCTGCCACCCCTAGGA TGGCTGCTTTCAAGTTGTTTGAATTAAGATTCTGTATAAAACCAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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).
Components:	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.
RefSeq:	NM_207312.3



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Summary:

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. This gene encodes an alpha tubulin that highly conserved among species. A missense mutation in this gene has been potentially linked to microlissencephaly and global developmental delay. [provided by RefSeq, Jul 2016]

Locus ID:

112714

MW:

4