

Product datasheet for SC204188

OriGene Technologies, Inc.

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beta III Tubulin (TUBB3) (NM_006086) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: beta III Tubulin (TUBB3) (NM 006086) Human 3' UTR Clone

Symbol: beta III Tubulin

Synonyms: beta-4; CDCBM; CDCBM1; CFEOM3; CFEOM3A; FEOM3; TUBB4

Mammalian Cell

Selection:

Neomycin

Vector: pMirTarget (PS100062)

ACCN: NM_006086

Insert Size: 323 bp

Insert Sequence: >SC204188 3'UTR clone of NM_006086

The sequence shown below is from the reference sequence of NM_006086. The complete

sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG

TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC

GAGGAGTCGGAGGCCCAGGGCCCCAAGTGAAGCTGCTCGCAGCTGGAGTGAGAGGCAGGTGGCGGCCGG GGCCGAAGCCAGCAGTGTCTAAACCCCCGGAGCCATCTTGCTGCCGACACCCTGCTTTCCCCTCGCCCT AGGGCTCCCTTGCCGCCCTCCTGCAGTATTTATGGCCTCGTCCTCCCCACCTAGGCCACGTGTGAGCTG CTCCTGTCTCTTTATTGCAGCTCCAGGCCTGACGTTTTACGGTTTTGTTTTTTACTGGTTTTGTTTT

TATATTTTCGGGGATACTTAATAAATCTATTGCTGTCAGATACCCTT

ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA

CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: Sgfl-Mlul

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).

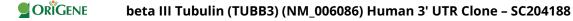
Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The

package also includes 100 pmols of both the corresponding 5' and 3' vector primers in

separate vials.

RefSeq: <u>NM 006086.4</u>





Summary: This gene encodes a class III member of the beta tubulin protein family. Beta tubulins are one

of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. This protein is primarily expressed in neurons and may be involved in neurogenesis and axon guidance and maintenance. Mutations in this gene are the cause of congenital fibrosis of the extraocular muscles type 3. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 6. [provided by

RefSeq, Oct 2010]

Locus ID: 10381

MW: 11.7