

Product datasheet for **SC214703**

Tau tubulin kinase 2 (TTBK2) (NM_173500) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Tau tubulin kinase 2 (TTBK2) (NM_173500) Human 3' UTR Clone
Symbol:	Tau tubulin kinase 2
Synonyms:	SCA11; TTBK
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_173500
Insert Size:	1444 bp



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Insert Sequence: >SC214703 3' UTR clone of NM_173500
The sequence shown below is from the reference sequence of NM_173500. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

CAGCCAGTAAACTCAGCAGAT**AG**GAGCCAGGCTGCATCTCTTTGAAAGGTGTGAGATCTTCTCCTAAAC
CTGATGCATGTGTGCCCTGTACTTTCTATGTAAAAAATCAGTGTTGATCTTCTCTTGCAAAGAAAGT
AACATGATCAATTATTTATAAGAAGACATAATACATGATAAGGAATTACCTAAGGCAGGCAGCAAGTAGA
TTAGGAATCAATGTCTTTGTACAAGAAGGAAAAATAGAGCAAAAATCCAAGGGGGAGAAACTCATTAAAA
TGAGCTCTCATTTTTTAAAGCTGCCTTTGAAACAAAAGAGTTGAGGATAGGAGATAGAATGGAATTTAGG
GGGTTGCTAATTTTTTAAAGCCTCAATTCAAAGATTATATAGCAAAAGTGAACCTTCTGTTTGATAT
TTTCATTCAAAACCTTCCACCCTGAAGAGTCATTGATCAGATATTAGATTATATAAGAAGTCTGTTGCC
AGGGAGCCAGTATTCATGTATATTTGGCTTGTGTGTTTATTCGTGTATTGAGAATGAACACCTTACTT
TGCCCTATTCCCTAGTACCCTCCCTGGAGTTCAGATTTTTTTTTAAAATTTTGTATGTCTCGTCTGATTCA
ATCTCTCTGCTTTTATTTTATGGTCTAGTTGTACTATCAAAATCCAATTAATTTTTTTAGGTCCCCCTG
ATTTTTTTTTTTAGAGCAAGAGTTCTTAACATATTACATTTTTATTATGAAAAATAAGAAAGTTAGGTA
AAGGAAAGAAAAGTCTAACTAGAGCTATTTTGCAGGCTTTAGTGTTTAGGGAGAGAAAGAAAGTGTGGGT
TAATAGCCTTCAAGATAGAAGATGCCCTTTCATCTCTGTTAAGTGTCTCCTTTAGAAACTTGAGTAGAA
GGAAAAGTACCAGAGTAGACTGCTTCCCTTAAGTCTTCTGGGTCCAAGTGTGTAATATCAGCATCCA
AGATGATACGAGGGAAGCACAATGCTTTGGACTGTGATTTGAGATTTAGAAATAAATAGATATATTATT
GAGGCTTAGAATCCTCAAACTTTGTATTTTATACATTTAGCCAATAAGGAATTAATATCTGGGGAAATAA
ATTTAGCAAATATTTCTTTTTAATGTTTTATTACCTGCTTCTCCTGTGTTTTAGTTCAACATTTGGGC
TTCTTGGCCTGATTTTCATACAATCTCAATTTACGAAGCTGTAAGAGGAAGATATTTGTTCTAATCTCA
CTCTTCTAATAGGAATCAGGCAATGAAAGTCTACCAGACTTTTAAAATGGGCTGTTTTTATACTCTCTA
GGTGTGTTGTGTTGTAAGACCTTATTAAGGTCAAGTAAATGGTCTGCTTGCTGTTGAAATTTGCCTC
TAGCAAACATATGTGCTTCTGTTTGACCTTGTGTTTGCTGCCA

ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

Restriction Sites: SgfI-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_173500.3](#)

Summary: This gene encodes a serine-threonine kinase that putatively phosphorylates tau and tubulin proteins. Mutations in this gene cause spinocerebellar ataxia type 11 (SCA11); a neurodegenerative disease characterized by progressive ataxia and atrophy of the cerebellum and brainstem. [provided by RefSeq, Aug 2009]

Locus ID: 146057