

Product datasheet for **SC304823**

KCTD16 (NM_020768) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KCTD16 (NM_020768) Human Untagged Clone
Tag:	Tag Free
Symbol:	KCTD16
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_020768 edited

```

ATGGCTCTGAGTGGAAGCTGTAGTCGTTATTATCCTCGAGAACAAGGGTCCGCAGTTCCC
AACTCCTTCCCTGAGGTGGTAGAGCTGAATGTCGGGGGTCAAGTTTATTTTACTCGCCAT
TCCACATTGATAAGCATCCCTCATTCCCTCCTGTGGAATGTTTTCCCAAAGAGAGAC
ACGGCTAATGATCTAGCCAAGGACTCCAAGGGAAGGTTTTTCATTGACAGAGATGGATTC
TTGTTCCGTTATATTCTGGACTATCTCAGGGACAGGCAGGTGGTCTGCCTGATCACTTT
CCAGAAAAGGAAGACTGAAAAGGGAAGCTGAATACTTCCAGCTCCCAGACTTGGTCAAA
CTCCTGACCCCGATGAAATCAAGCAAAGCCCAGATGAATTCTGCCACAGTGACTTTGAA
GATGCCTCCCAAGGAAGCGACACAAGAATCTGCCCCCTTCTCCCTGCTCCCTGCCGAC
CGCAAGTGGGGTTTCATTACTGTGGGTTACAGAGGATCCTGCACCTTGGGCAGAGAGGGA
CAGGCAGATGCCAAGTTTCGGAGAGTTCCCGGATTTTGGTTTGTGAAGGATTTCTTG
GCAAAAGAAAGTCTTTGGAGAACTTTGAATGAAAGCAGAGACCCTGATCGAGCCCAAGAA
AGATACACCTCCAGATTTTATCTCAAATTCAAGCACCTGGAAAGGCTTTTGATATGTTG
TCAGAGTGTGGATTCCACATGGTGGCCTGTAACATCATCGGTGACAGCATCTTTCATCAAC
CAATATACAGATGACAAGATCTGGTCAAGCTACACTGAATATGTCTTCTACCGTGAGCCT
TCCAGATGGTCACCTCACACTGCGATTGCTGCTGCAAGAATGGCAAAGGTGACAAAGAA
GGGGAGAGCGGCACGTCTTGCAATGACCTCTCCACATCTAGCTGCGACAGCCAGTCTGAG
GCCAGCTCTCCCAGGAGACGGTCATCTGTGGTCCCGTGACACGCCAGACCAACATCCAG
ACTCTGGACCGTCCCATCAAGAAGGGCCCTGTCCAGCTGATCCAACAGTCAGAGATGCGG
CGGAAAAGCGACTTACTCCGACTCTGACTTCAGGCTCCAGGGAATCGAACATGAGCAGC
AAAAAAAAAGCTGTTAAAGAAAAGCTCTCAATTGAGGAGGAGCTGGAGAAATGTATCCAG
GATTTCTAAAAATCAAAATTCAGATCGGTTTCTGAGAGAAAACATCCTTGGCAATCT
GAACCTTTAAGGAAGTATCATCTATAA

```

Restriction Sites:	Please inquire
ACCN:	NM_020768
Insert Size:	4000 bp



[View online »](#)

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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_020768.1.
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_020768.1, NP_065819.1</u>
RefSeq Size:	5248 bp
RefSeq ORF:	1287 bp
Locus ID:	57528
UniProt ID:	<u>Q68DU8</u>
Cytogenetics:	5q31.3
Gene Summary:	Auxiliary subunit of GABA-B receptors that determine the pharmacology and kinetics of the receptor response. Increases agonist potency and markedly alter the G-protein signaling of the receptors by accelerating onset and promoting desensitization (By similarity). [UniProtKB/Swiss-Prot Function]