

Product datasheet for **SC313632**

KCTD8 (NM_198353) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KCTD8 (NM_198353) Human Untagged Clone
Tag:	Tag Free
Symbol:	KCTD8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_198353 edited

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ATGGCTCTGAAGGACACGGGCAGCGCGGCAGCACCATCTGCCATTAGCGAGATGGTT
TCCTCGTCCAGCTCGCCCGGCGGTCTGGCCGCCGCCGCCCGGGGCCCTGCGCACCTCG
CCCTTCCCTGAAGTAGTGAGCTGAACGTAGGCGGCCAGGTTTATGTGACCAAGCACTCG
ACGCTGCTCAGCGTCCCGGACAGTACTTTGGCCAGCATGTTCTCGCCCTCTAGTCCCGT
GGCGGCGCGCCGGCGCGCGGGGCGAGCTGCCAGGGACAGCCGGGCGCGCTTCTTATCGAC
CGGGACGGCTTCTTTTCAGGTACGTGCTGGATTATCTGCGGGACAAGCAACTCGCGCTG
CCGGAGCACTTCCCCGAGAAGGAGCGGCTGCTGCGCGAGGCCGAGTATTTCCAGCTCACC
GACTTGGTCAAGCTGCTGTCGCCAAGGTACCAAGCAGAACTCTCTCAACGACGAGGGC
TGCCAGAGCGACCTGGAGGACAACGTCTCGCAGGGTAGCAGCGACGCGCTGCTGCTGCGC
GGGGCGGCGCCGCGTGCCTCGGGCCCGGAGCGCACGGTGGTGGCGGCGGCGCGGC
GCGCAGGACAAGCGCTCGGGCTTCTCACGCTGGGCTACCGGGGCTCCTACACCACCGTG
CGCGACAACCAGGCCGACGCCAAATTCCGGCGTGTGGCGCGCATCATGGTGTGCGGGCGC
ATCGCGCTGGCCAAGGAGGTCTTCGGGGACACGCTCAACGAGAGCCGCGACCCCGACCGG
CAGCCGGAGAAGTACACGTCCCGCTTCTACCTCAAGTTCACCTACTTGGAGCAGGCCTTT
GATCGCTGTCCGAGGCCGGCTTCCACATGGTGGCGTGTAACTCCTCGGGCACCGCCGCC
TTCGTCAACCACTACCGCGACGACAAGATCTGGAGCAGCTACCCGAGTACATTTTCTTC
CGACCACCTCAGAAAATAGTATCACCTAAACAAGAATGAAGATAGGAAACATGACAAA
GTCAGTGATAAAGGAAGTGAAAGTGGGACTTCTGTAATGAGCTCTCCACTTCCAGTTGT
GACAGCCATTAGAGGCAAGCACTCCCCAGGACAACCCATCCAGTGCCCGAGCAGGCAACA
GCTCACCAACCTAACACTTTAACATTGGATCGCCCTCTAAAAAGCACCTGTACAATGG
ATACCCCAACAGACAAACGAGAAACAGTGAAGTCTTTTCCAGACCTCATCAGCAAGTCC
CGGGAAACAAATCTGTCCAAAAAGAAAGTCTGTGAGAAGTAAGTGTGGAAGAAGAAATG
AAAAAGTGATTACAGATTTTAAAAAATCCACATTCCAGATTATTTTCCAGAGCGCAAA
CGCCAATGGCAATCTGAAGTGTGCGAGAAGTATGGGTTATAG

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_198353 unedited <pre> TGTAATACGACTCACTATAGGGCGGCCGCGAATTCGCACGAGGCCTCGTGCCGAATTG GCACGAGGGAAAGTGCAGCTCTCTCGGGTCACTGGGCCGGCGCGGGGGGACTATGGCTC TGAAGGACACGGGCAGCGGCGGCAGCACCATCCTGCCCATTAGCGAGATGGTTTCCTCGT CCAGCTCGCCCGGCGCGTCCGCCGCCGCCCGGGGCCCTGCGCACCTCGCCCTTCC CTGAAGTAGTGGAGCTGAACGTAGGCGGCCAGGTTTATGTGACCAAGCACTCGACGCTGC TCAGCGTCCCGGACAGTACTTTGGCCAGCATGTTCTCGCCCTCTAGTCCCGTGCGGCG CCCGGCGCGGGGCGAGCTGCCAGGGACAGCCGGGCGCGCTTCTTCATCGACCGGGACG GCTTCCTTTTCAGGTACGTGCTGGATTATCTGCGGGACAAGCAACTCGCGCTGCCGGAGC ACTTCCCCGAGAAGGAGCGGCTGCTGCGCGAGGCCGAGTATTTCCAGCTCACCAGCTTGG TCAAGCTGCTGTCGCCCAGGTACCAAGCAGAACTCTCTCAACGACGAGGGCTGCCAGA GCGACCTGGAGGACAACGTCTCGCAGGGTAGCAGCGACGCGTGTGCTGCGCGGGGCGG CGGCCCGCGTGCCTCGGGCCCGGAGCGCACGGTGGTGGCGGCGGCGGCGCGCAAG ACAAGCGCTCGGGCTTCTCACGCTGGGCTACCGGNGCTNCTACACCACCGTGCGCGACA ACCAGGCCGACGCCAAATTCCCGCGTGTGGCGCGCATCATGGTGTGCGGGCGCATCGCGC TGCCAAAGGNAGTCTTCGNGACACGCTCACGAGAGCGGNGACCCCGACCCGGCAGCCGA AAGTACACGTCCNGCTTCTACCTCAGTTCACTACTTGA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_198353
Insert Size:	2400 bp
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_198353.1.
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.
RefSeq:	<u>NM_198353.1</u> , <u>NP_938167.1</u>
RefSeq Size:	2240 bp
RefSeq ORF:	1422 bp
Locus ID:	386617
UniProt ID:	<u>Q6ZWB6</u>
Cytogenetics:	4p13

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]