

Product datasheet for **SC319396**

KCTD15 (NM_024076) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KCTD15 (NM_024076) Human Untagged Clone
Tag:	Tag Free
Symbol:	KCTD15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_024076.1

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GTAAGTCCAGGACGAGACCGGAGCGACCCGCGCAGCGAGCATAGGCGGCGAAGCTGCGCC
CGGCGCCCGAGACCGGCAGCTGCGTGGGGCGGGGGCTGCGCCGAGCCCGATCTGCGGGC
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AGGGCAGCAGGATGGTGGCCTGGGTGGGGTCGTCCAACCTAGGTTTGCTAACCTGAGGGGT
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TCCTTTAATATTGTAAGATGCTGATGTACAATTGTCGTGCATTTGTGTGAACACATTGC
GTTCCAGTCCATGCCATAAATGATGCTCTCAAGCAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Please inquire
- ACCN:** NM_024076
- 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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: [NM_024076.1](#), [NP_076981.1](#)

RefSeq Size: 3413 bp

RefSeq ORF: 705 bp

Locus ID: 79047

UniProt ID: [Q96S11](#)

Cytogenetics: 19q13.11

Domains: BTB, K_tetra

Protein Families: Ion Channels: Other

Gene Summary: During embryonic development, interferes with neural crest formation (By similarity). Inhibits AP2 transcriptional activity by interaction with its activation domain.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant represents the longest transcript yet it encodes the shorter protein (isoform 1). Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.