

## Product datasheet for MC212135

### Kctd1 (NM\_134112) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Kctd1 (NM\_134112) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Kctd1  
**Synonyms:** 4933402K10Rik; AI661543; AW553000  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212135 representing NM\_134112  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTTTCAGGACAGTCGGCCCAATATGTCAAGACCTCTGATCACTCGATCCCCTGCATCGCCACTGAACA  
ACCAAGGCATTCCAACCTCAGCTCAGCTCACAAATCCAACGCACCCGTCCACATCGACGTGGGCGGCCA  
CATGTACACCAGCAGCCTGGCCACCCTACCAAATACCCGAATCCAGAATCGGAAGACTCTTTGATGGT  
ACAGAGCCCATTTCTGGACAGTCTCAAACAGCACTATTTTCATTGACAGAGACGGGCAGATGTTGATGAT  
ATATCTTGAATTTCTACGAACATCAAACTCCTCATTCTGATGATTTCAAGGACTATACTTTGTTATA  
TGAAGAGGCAAAATACTTTCACTTCAGCCAATGTTGTTGGAGATGGAGCGATGGAAACAGGACAGGGAA  
ACTGGCCGCTTTTACGGCCCTGCGAGTGCCTCGTGGTGCCTGTGGCCCCGGACCTGGAGAAAGGATCA  
CCCTCAGTGGGGACAAGTCTTGATAGAGGAAGTATTTCCCGAGATCGGCGATGTGATGTGCAACTCGGT  
CAATGCAGGCTGGAATCACGACTCAACACATGTCATCAGGTTTCCACTAAACGGCTACTGCCACCTCAAT  
TCAGTTCAGGTCCTTGAGCGGTTGCAGCAAAGAGGATTTGAAATTGTGGGTTCTGTGGAGGAGGAGTGG  
ACTCGTCCCAGTTCAGTGAATATGTCTCCGACGGGAACCTGAGGGGACACCCCGAGTACCCTCAGTCAT  
CCGGATAAAACAGGAGCCACTGGACTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_134112  
**Insert Size:** 798 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_134112.5</a> , <a href="#">NP_598873.2</a>
<b>RefSeq Size:</b>	1772 bp
<b>RefSeq ORF:</b>	798 bp
<b>Locus ID:</b>	106931
<b>UniProt ID:</b>	<a href="#">Q5M956</a>
<b>Cytogenetics:</b>	18 A1
<b>Gene Summary:</b>	<p>May repress the transcriptional activity of AP-2 family members, including TFAP2A, TFAP2B and TFAP2C to various extent.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains a distinct 5' UTR and coding region, compared to variant 1. The resulting isoform (2) has a shorter and distinct N-terminus, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>