

## Product datasheet for MC210467

### Kctd20 (NM\_025888) Mouse Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | Kctd20 (NM_025888) Mouse Untagged Clone   |
| Tag:                      | Tag Free  |
| Symbol:                   | Kctd20  |
| Synonyms:                 | 2410004N11Rik; AI451943; AW541186; D17Ertd562e                                  |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)  |
| E. coli Selection:        | Kanamycin (25 ug/mL)  |
| Fully Sequenced ORF:      | >MC210467 representing NM_025888<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAATGTTCCACGAGGCGAGTGATGGCGACTGGTCATTGCAGCCAGAGCTCAGCTGCCTAGGAGATGAGG  
CCTTAGCTGCCACTCAAGAGAAAGAAGGCAGCAGCTTGGTGTCTCTGGTCTGCATAGTGTCACTTATCC  
CCTAGCTGCCAGGAGTGAAGACCTTGCACTTGACTATGCCTCTCAGCCAGCAAGCCTTCCGCATCCTCAC  
ATAATGCCACTTCTGAAGACAACAAGGGCTCATGCTTCCAGAGTGGGAGCAAACGGAGCCACGAGCCCT  
TCATTGTGCCAGAGAGATTTGAAACAGCGGCTTAGGTTTTGGAGGTGGCGCTCACTCTCAAGCCCCAGA  
GAAGGTGACACTTCTTGTGGATGGCACTCGTTTTGTGGTAAATCCTCAGATTTTCACTGCTCATCCGGAT  
ACCATGTTGGGAAGGATGTTTGGGCCGGGAAGAGAATACAACCTCACAAGGCCAATGAAAAGGGGGAGT  
ATGTGATCGCGGAGGGGATCAGCGCCACCGTGTCCGCACAGTCTGGATTATTACAAAAGTGGCATCAT  
CAACTGTCCAGATGGCATCTCTATCCCAGACCTCAGAGACACGTGTGACTATCTCTGCATTAAGTTCGAC  
TTCAACACTATCCGATGTGAGGATCTGAGTGTCTACTGCACGAGCTCTCCAACGATGGTGGCCACAAGC  
AGTTTGACCACTACCTCGAGGAAGTATTCTGCCATCATGGTGGGCTGTGCCAAGAAAGGCGAGCGAGA  
GTGTACATTGTCGTGCTGACAGACGAGGACTCTGTGGACTGGGATGAAGACCACCCCCACCCATGGGG  
GAAGAGTATCCCAAATCTTTACAGCTCCAAGCTCTACAGATTTCAAATATATCGAGAATAGAGATG  
TTGCTAAAAGTGTGTTAAAGGAACGAGGCTGAAGAACATCCGCATTGGAATTGAAGTTACCCTACCTG  
TAAAGAGAAGATCAAGAGGAGACCTGGCGGGCGTCTGAAGTCACTACAATTATGTGCAGCGCCCTTTT  
ATCCAGATGTCATGGGAAAAAGAGGAAGGAAAGAGTCGCCATGTGGATTTCCAGTGCCTTCGAGCAAAT  
CCCTCACTAATTTGGTGGCTGCTGGAGAGGATGTCTTAGAAGACCAGGAGATAAATGCATCACCACCC  
ACAAGTAGATGAAGTACCGCTTAAATGCTCCACTCTCTCAGATGGCTCCGAATGACTTCAAGAT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_025888   |
| <b>Insert Size:</b>           | 1260 bp   |
| <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>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.  |
| <b>RefSeq:</b>                | <a href="#">NM_025888.5</a> , <a href="#">NP_080164.2</a>   |
| <b>RefSeq Size:</b>           | 2400 bp   |
| <b>RefSeq ORF:</b>            | 1260 bp   |
| <b>Locus ID:</b>              | 66989   |
| <b>UniProt ID:</b>            | <a href="#">Q8CDD8</a>  |
| <b>Cytogenetics:</b>          | 17 15.03 cM   |
| <b>Gene Summary:</b>          | Promotes the phosphorylation of AKT family members.[UniProtKB/Swiss-Prot Function]  |