

Product datasheet for MR201015

Kctd9 (NM_134073) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kctd9 (NM_134073) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Kctd9
Synonyms: AA675328; AI854539
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR201015 representing NM_134073
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGGGGGTACGCTGTTCTTGAACGGCAGCCCGAGCAACGGCAAGGTGGTTGCTGTATACGGAACCT
TGCTGACTTGCTCTCAGTGGCCAGCAGTAACTCGGCATAAAAGCCACCAGTGTATATAATGGGAAAGG
CGGACTGATTGATGATATTGCTTTGATCAGGGATGATGATGTGCTGTTTGTGTGAAGGAGAGCCGTTT
ATTGATCCTCAGACAGATGCTAGACCACCTGGAGGATTGCTAGGATCCCACACAGACTGGCTCACATTAA
ATGTAGGAGGACGATACTTCACAACAACAAGGAGCACTTTAGTGAATAAAGAGCCTGACAGTATGCTGGC
GCATGTTCAAGGACAAAGGTGCTGGGGAAATAAGCAAGATCATAGAGGAGCATTCTTAATTGACCGA
AGTCTGAGTACTTTGAACCTATTTTGAACACTTACGTCATGGACAGCTCATTGTAATGATGGCATT
ACTTATTGGGTGTGCTAGAAGAAGCCAGGTTTTTTGGTATTGACTCACTGATTGAACACCTAGAAGTGGC
CATAAAGAATCCCAACCACCAGAGGATCATTACCAATATCCCAGAAAGGAATTTGTTGATTTCTGCTG
GCCACTCCAACCAAGTCAGAGCTGCGCTGCCAGTGTGCAAACTCCAGGGAGTCAAGATGCTGCTCAA
ACGAGAAGGCGCATCCCTGAGGCTCTGTAATTTGAGGATCCTTCGGGCTTAAAGCCAACCTTAGAGGG
TGCTAATCTGAAAGGTGTGGACATGGAAGGAAGCCAGATGACAGGGATTAACTCAGAGTTGCCACCTTA
AAAAATGCAAACTGAAGAACTGTAATCTCAGAGGAGCAACTCTGGCAGGAACCGATTTAGAAAAGTGTG
ATTTGTCGGGGTGTGACCTCCAGGAAGCCAACCTGAGAGGCTCCAATGTGAAGGGTGCCATATTTGAAGA
GATGCTGACACCATTACATATGTCCAGAGTGTGACA

ACGGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR201015 representing NM_134073
Red=Cloning site Green=Tags(s)

MRRVTLFLNGSPSNGKVAVYGTLSDLLSVASSKLGIKATSVYNGKGLIDDIALLRDDVLFVCEGEPF
 IDPQTDARPPGGLLGSHTDWLTLNVGGRYFTTTRSTLVNKEPDSMLAHMFKDKGVWGNKQDHRGAFLIDR
 SPEYFEPILNLYLRHQQLIVNDGINLLGVLEEARFFGIDSLIEHLEVAIKNSQPPEDHSPISRKEFVRFL
 ATPKSELRCQCANLQGVKMLCSNAEGASLRFCNFEDPSGLKANLEGANLKGVDMEGSQMTGINLRVATL
 KNAKLNKCNLRGATLAGTDLNCDLSCGDLQEANLRGSNVKGAIFEEMLTPLHMSQSVR

TRTRPLEQKLISEEDLANDILDYKDDDDKV

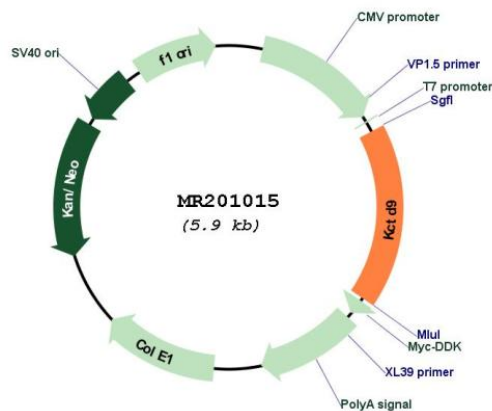
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_134073

ORF Size: 1017 bp

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|-------------------------------|---|
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| 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: | <ol style="list-style-type: none">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_134073.2 , NP_598834.2 |
| RefSeq Size: | 3174 bp |
| RefSeq ORF: | 1020 bp |
| Locus ID: | 105440 |
| UniProt ID: | Q80UN1 |
| Cytogenetics: | 14 D1 |
| MW: | 37.4 kDa |
| Gene Summary: | Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex, which mediates the ubiquitination of target proteins, leading to their degradation by the proteasome.[UniProtKB/Swiss-Prot Function] |