

Product datasheet for MR214508

Kctd18 (NM_001159865) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kctd18 (NM_001159865) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Kctd18
Synonyms:	4932411A20Rik; 6530404F10Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR214508 representing NM_001159865 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTAAGGCAGAAGCTTCAGGCATCGAAGGGAGCAATGGCAGGCCATGAAGCAGAAGACGTGCTAGATA
TCCTTCGGCTGAATGTGGGTGGCTGCATCTACACAGCCCGCGAGAGTCTTTGTGCCGCTTAAGGATTC
TATGCTGGCATCTATGTTTGTGGTGGTTCCTCTAAAAACAGATGAATCTGGGGTAAGCTACTGGCGT
GTGCCTCATGAGCTGATAGAGTGTGGACTTTGGAAGAACGGCCTTTACACGGAAGCCTGCGTCATATGG
CCCAATTCGAAAGAGGGCGGCTGATAGCCCTCAGGGAAGAGGATGAAGGTGTGAAGTGTAAAGTGGTCC
TAAGCCAGTCAGATTTTTGGGCCCTTCTACAAGTACCCAAATTAAGTCAAGAACTCTGCTTCAGTGAGG
GTGTCACCTGCCAATGCTGCCAGATCTCCTCTCAGGCTACAGCAAACCGCTCTCACAGAGGCAGCTGTG
GAAAGGCAGCCAGTCTCTGTGGCCACAGGGGCTTCTGGGCATGCTCCCGCTTCCCCGATGCCAGAG
CTCTGAAAACCAAGCCACACACCCACCTCCAGCCAAGGTGCTCCTCTGAAAAGAAGTCTCCACCCCT
CGAGTGATCAAGCTGAGGAGGACTCCACTGCGTGGGGGCTTCCCTGCCACCGCCTCAGCAGGGGGCC
AGGCCTGCTTCCCCAGCCACCCTCTCTAGAAGCTTCCAGCAGTTGGGTGTGCAGATGGAGACCAGGAA
AGACCAGCCTGATGGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR214508 representing NM_001159865
 Red=Cloning site Green=Tags(s)

MLKAEIQASKGAMAGHEAEDVLDILRLNVGGCIYTARRESLCRFKDSMLASMFSGRFPLKTDESGVSYWR
 VPHELIECWTLEERPLHGSLRHMAPIRKRRLLALREDEGVNCKTGPKPVRFLGPSTSTQIKVKNSASVR
 VSPANAAQISSQATANRSHRSGCGKAAQCSVATGASGHAPASPDASSENQATHPPPAKVLVSEKKSPPP
 RVIKLRRTPLRGGPSLPTASAGGQACFPQPPSLEASSSLGVQMETRKDQPDG

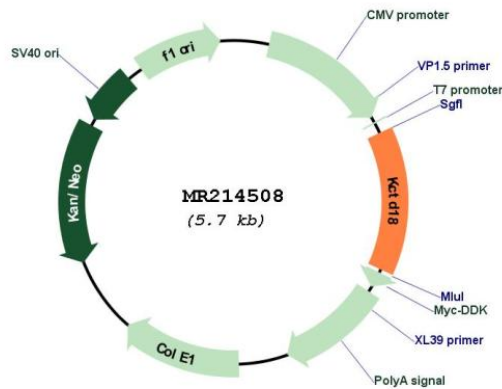
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001159865
ORF Size: 786 bp

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_001159865.1 , NP_001153337.1
RefSeq Size:	2114 bp
RefSeq ORF:	789 bp
Locus ID:	51960
Cytogenetics:	1 C1.3
MW:	28.5 kDa