

Product datasheet for MR214563

Cklf (NM_029295) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cklf (NM_029295) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cklf
Synonyms: 1700001C14Rik; 1810018M11Rik; A730028G07Rik; C32; CKLF1; Cklf2; CKLF3; CKLF4; CKLF5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR214563 representing NM_029295
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGACTCCACGGCCGGTTCGTAAGCCGTCGGCCCTTCTGCTGTACTCTGAAATGCTTTGTGAAGTTCC
TGCGGTTGGTAACTGTGACATCTATGATCTTTTCATCGTGGGACAAGCCCCGAACCATATATCGT
CATCACTGGGTTGAAGTACCCTTATTTCTGTTTCTAGTCTTATACACGTGTGGACTTGACAAGATA
ATGAGATCTTTCTTTGGCCTTTGCTTGATGTTATTAACCAATGTAACAGCATTATGCATGCTCATTG
TGCTGTGTTGGCTCTAATACCAGAACTCAACAAAGACAATCCTGGAGGGGTGTTGGTTTCCTGAC
AGTAACATGACTATTGCCGACTGTGCCCTTATGTGCCAGAACTTCGGTTTCGTCCACGTCAACCTTAT
CAGAAAAAGTCTACTAATGACATCGATGACAGAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR214563 representing NM_029295
Red=Cloning site Green=Tags(s)

METPRPVVSRPFCCTLKCFVKFLRLVVTSMIFFIVGQAPEPYIVITGFEVTVIFCFLVLYTCGLDKI
MRSFFWPLLDVINSMTALCMLIVSVLALIPETSTKITLGGVFGFLTVTCTIADCALMCQKLRFRPRQPY
QKKSTNDIDDRE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9006_b12.zip



[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_029295

ORF Size: 456 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:

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_029295.3](#), [NP_083571.1](#)

RefSeq Size: 621 bp

RefSeq ORF: 459 bp

Locus ID: 75458

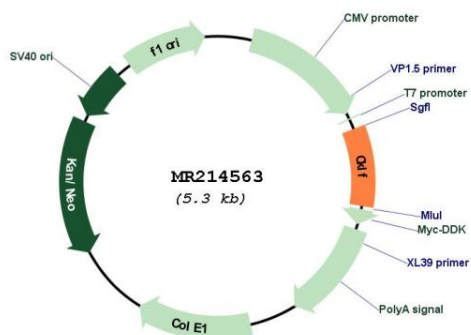
UniProt ID: Q9DAS1

Cytogenetics: 8 D3

MW: 17.7 kDa

Gene Summary: May play an important role in inflammation and regeneration of skeletal muscle.
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR214563