

Product datasheet for **MC211632**

Cklf (NM_001037841) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cklf (NM_001037841) Mouse Untagged Clone
Tag:	Tag Free
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)
Fully Sequenced ORF:	>MC211632 representing NM_001037841 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGACTCCACGGCCGGTTCGTAAGCCGTCGGCCCTTCTGCTGTACTCTGAAATGCTTTGTGAAGTTCC
TGCGGTTGGTGGTAACTGTGACATCTATGATCTTTTCATCGTGGGACAAGCCCTGAACCATATATCGT
CATCACTGGGTTTGAAGTACCCTTATTTTCTGTTTCCTAGTCTTATACACGTGTGGACTTGACAAGATA
ATGAGATCTTTCTTTGGCCTTTGCTTATCTCCTTCCATGTGAGTGCCGGCTAGTTTCATGTCAACTTG
ACCAAGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001037841
Insert Size:	291 bp
OTI Disclaimer:	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).
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).



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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_001037841.3](#), [NP_001032930.1](#)

RefSeq Size: 1871 bp

RefSeq ORF: 291 bp

Locus ID: 75458

UniProt ID: [Q9DAS1](#)

Cytogenetics: 8 D3

Gene Summary: May play an important role in inflammation and regeneration of skeletal muscle.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (4) lacks an exon in the 3' coding region and contains an alternate terminal exon, compared to variant 1. This results in a protein (isoform 4) that is shorter and contains a distinct C-terminus.