

Product datasheet for MR219411

Cln6 (NM_001033175) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cln6 (NM_001033175) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cln6
Synonyms: 1810065L06Rik; AW743417; D9Bwg1455e; nclf
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR219411 representing NM_001033175
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGCGGCGACGCGGAGGCGGCAGCTCCTCGGAGCGGCGGGCGGCCCGGTGTCGGTTCTGTCAGG
 CCAGGCATGGCTCTGTGAAGGCCGAGGACAAAGACCGCACAGCCCCCTTCCATCTTGACCTCTGTTCTA
 CTTCACACTGCAGAACTGGTTCTGGACTTTGGCCGCCCATGGCCATGCTGGTATTCGGATCCAGTGG
 TTTCTCTCAACAAGCCAAGTGTGGGGACTACTTTCACATGACCTACAACATCATCACGCCCTTCTGC
 TGCTAAAGCTTATTGAGCGGTCCCCCGAACGCTGCCCGGTCTATAGTCTATGTCAGCATCATCACTTT
 CATCATGGGAGCCAGCATCCACCTGGTGGGAGACTCAGTCAACCATCGCCTGCTCTTCAGTGGGTACCAG
 CACCACCTGTCCGTGAGAGAAACCCATTATCAAGAACCTCAAGCCGGAGACTCTGATCGACTCCTTTG
 AGCTGTTGTACTACTATGACGAGTACCTGGGCCACTGCATGTGGTACATCCCCTTCTTCCTCATCTCTT
 CATGTACTTCAGTGGCTGTTTACCACCTGCAAGGCTGAGAGCCACATGCCAGGACCTGCCTGCTCCTG
 GTGGTGCCAGTGGTCTGTACTACTGGTACCTGGTCACCGAGGGCCAGATCTTCATCCTTTCATCTTCA
 CCTTCTTCGCCATGCTGGCTCTCGTCTTGACCCAGAAGCGCAGGCGCCTTCTCTGGACAGCAACGGCCT
 CTTCTCTGTATTCTTCGCGCTCACCTCTCACTGGTGGCTCTGTGGTGGCTTGGCTGTGGAATGAC
 CCTGTACTCAGAAAGAAGTACCCTGGTGCATCTATGTTCTGAGCCCTGGGCCCTTACACACTCCAG
 TTAGCAGTCAACAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR219411 representing NM_001033175
Red=Cloning site Green=Tags(s)

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MEATRRLRQLLGAAGPGVAVFVQARHGVSVAEDKDRTAPFHLDLWFYFTLQNWVLDGFRPIAMLVFPIQW
FPLNKPSVGDYFHMTYNIITPFLLLKLIERSPRTLPRSIYVYSIITFIMGASIHVLVGDSVNHRLLFSGYQ
HHL SVRENPIIKNLKPETLIDSFELLYYDEYLGHCMWYIPFFLILFMYFSGCFTTCKAESHMPGALLL
VVP SGLYYWYLVTEGQIFILFIFTF FAMLALVLHQKRRRLFLDSNGLFLLYSFALTL SLVALWVWLWND
PVL RKKYPGVIYVPEPWAFYTLHVSSQQ
  
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TRTRPLEQKLISEEDLAANDILDYKDDDDKVV

Chromatograms: https://cdn.origene.com/chromatograms/mm9023_c12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001033175

ORF Size: 924 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_001033175.3](#)

RefSeq Size: 2136 bp

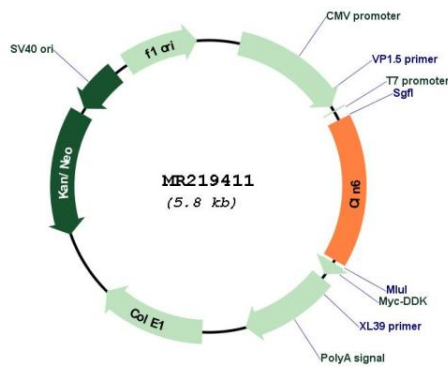
RefSeq ORF: 927 bp

Locus ID: 76524

Cytogenetics: 9 33.89 cM

MW: 36.3 kDa

Product images:



Circular map for MR219411