

Product datasheet for **MR216609**

Clcnkb (NM_019701) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clcnkb (NM_019701) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Clcnkb
Synonyms:	Clc-Ka; Clck2; CLCKB; Clcnk11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MR216609 representing NM_019701
 Red=Cloning site Blue=ORF Green=Tags(s)

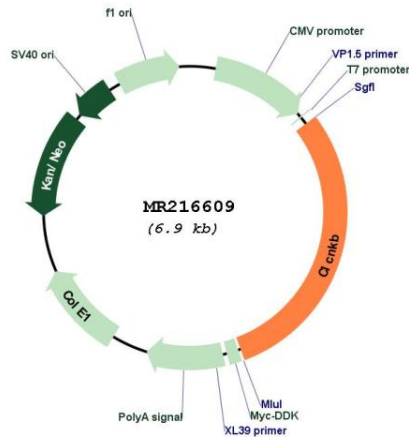
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAATTAGTGGGGCTTCGTGAGGGCGCCTCCAAGAAGCCAGTGCCACTGCAAGAACTCTGGGGC
 CATGCCACGCATCCGCAGAAACATCCAGGGGGCCTAGAGTGGCTGAAAGAGCGGCTCTCCGTGTGGG
 TGAGGACTGGTACTTCTGGTGGCTCTCGGGTGTCTATGGCTCTGATCAGCTATGCTATGAACTTCACT
 ATTGGGCGCGTGGTCAGAGCACACAAGTGGCTGTACAGGGAGATTGGAGATGGCCACCTGCTCCGGTACC
 TCTCTGGACCGTGTACCCCGTGGCTTCTGTCTTCTCCTCCGGCTTCTCACAGAGCATCACACCATC
 CTCTGGAGGGTCTGGAATCCCTGAGGTGAAGACCATCTTGACCGGAGTGGTCTGGAGGACTACCTAGAC
 ATCAAGAAGTTCGGGGCAAGGTGGTGGCCTCTCCTGCACCCTGGCCACAGGCAGTACCATCTTCTGG
 GAAAATTGGGTCCTTTCGTGCACCTGAGCGTGATGATCGTGCTTACCTGGGCGCGTGCCACCAAGAC
 CGTCGGGGAACCTGAGAGCAAGACCAAAGAAATGGAAGTGTGGCCGAGGAGCAGCAGTGGGTGTGGCC
 ACGGCTTCGCGAGCTCCCATCAGCGGTGTCTGTTCAGCATCGAGGTCATGTCCTCTCACTTCTCCGTCT
 GGGATTACTGGAGGGCTTCTTCGCTGCCACCTGTGGGGCCTTTATGTTCCACCTCTGGCAGTCTTCAA
 CAATGAACAGGAGACCATCACCTCCATCTACAAGACCAGCTTCCAGTGGACATACCCTTTGACTTACCA
 GAGATCTTCTTTTTGTGGCCCTGGGGCCATCTGTGGCATCCTGAGCTGCGGGTACAACACAGCCAGC
 GGACTTTCTTATTTTCTCAAGGCAATGGGTTCACCTCCAACTGTGGCTACCAGCAAACCTTGTGTA
 CTCAGCCCTGGTGTGTGGTCTGGCTCCATCACGTATCCCTGGTGTGGGCCACTTTCATGGCTTCC
 CGGCTGTCCATGTCCGAGCATTGGAGACTGTTTGACAACAACCTCTGGGCACTGATGACTAAGAAGT
 CGTCTCCACCCTGGGCGAGCGGAGCCTGATCCCCAGAAGCTGTGGTGGAGTGGTGTACCCACGTTGAC
 TGTCTTTGGGACACTAGTCTTCTTCCTGGTCATGAAGTTCGGATGCTGATTTTGGCAACCACCATCCCC
 ATCCCTGTGGTACTTCTTCCCATCTTTATCTATGGAGCTGTCATTGGGCGCCTTTTGGGGAGGTTT
 TATCTGTCGCCTTCCAGAGGGCATTGTGGCTGGAGGCAGGGTCAATCCCATCATGCCGGGGCCTATGC
 TCTGGCAGGTGCTGCTGCCTTCTCAGGGCGGTGACCCACACCCTCTCCACGGCACTGCTGGCCTTGGAG
 GTAACGGGCCAGCTCGTTCACGCACTGCCTGTGCTGATGGCTGTGCTGGCGGCAACGCCATCTCTCAGA
 GCTTCCAGCCCTTTTCTACGATGGCACCATTGTCAAGAACTGCCGTACCTGCCGTGGATCCGTGG
 CCGACAGATTGGTCCCCTCTGTAAGTGTGGTCACTTTCATGAAGTGGCCCTCACTACACTGGCCAAG
 GACATGCCCTGGAGCAAGTATCAAGTGTGATCTCCACAGATGTGACCCAGTACCCCTGGTGGAGA
 CTACAGAGTCTCAGACCCTGGTGGGCGTTGTAAGGAGCCACTTGGTGAAGCCCTCCAGACTGAGCC
 AGTTCCTGGGCTCCAGGCCAGCAGCCCTGTCTCCAGGATATCTTGGCTAATGGTGCACCACCCAGCCA
 GTGACACTGCAGCTGTCCCTGGAGACCTCCTTGCATGAGACACACAACCTTTTGGAGCTGCTGAACCTTC
 AGACGCTGTTTCGTGACGTACGAGGCAGAGCTGTGGGCTCTGTATCGTGGGTGGAGCTGAAGAAAGCAAT
 TTCAACCTGACCAATCTCTGCCCAAG

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- 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_019701.2](#), [NP_062675.2](#)
- RefSeq Size:** 2344 bp
- RefSeq ORF:** 2064 bp
- Locus ID:** 56365
- UniProt ID:** [Q9WUB6](#)
- Cytogenetics:** 4 D3
- MW:** 75.5 kDa
- Gene Summary:** This gene is a member of the CLC family of voltage-gated chloride channels. The gene is located adjacent to a highly similar chloride channel gene on chromosome 4. This gene is syntenic with human CLCNKA (geneID:1187). [provided by RefSeq, Sep 2009]

Product images:



Circular map for MR216609