

Product datasheet for **MC200906**

Cln8 (NM_012000) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cln8 (NM_012000) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cln8
Synonyms:	mnd
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021625 sequence for NM_012000
 CCACGCGTCCGCCACGCGTCCGCGGACGCGTGGGTTCGACCCACGCGTCCGCAAGAGGCGGGCCCCCT
 TCTGCTCACCTGAATGCAGATTGAGGATGGGTACCCGAAGGTCCTAGCGACAACCTTTGCTGAAACTGAAG
 AGCGGTGTCAAGCCCAGCCGCCGCTGTTGGCCCCGGGGCTCTCTGGCATCCAGATTCGGATCATGAC
 TCCTGTGAGCAGCCACGGCTTGGCGGAGAGCATTTTTGACCTGGACTACGCTTCGTGGAAGATTCGGTCCG
 ACTCTAGCGGTTGCTGGCTTGTCTTCTACCTGGCGCTTTTGTAGTCTGCCATCAGCTCTCATCGTCCC
 TGAATGCCACCTACCGCTCCCTGGCGCCAAAGAGAAGGTCCTTCTGGAACCTGGCGGCGACGCGTCTGT
 CTTGGGCTCCAGAGCACAACCTGCAGGCCGTGGGCCCTGCTGGGAGACCCCGTCTATGCCGACAAA
 GCTCTCGGGCAGCAGAAGCTGGTGTGGTTTTCACATCACCACGGCCACTGGCTTCTTCTTTGAGAATG
 TGGCCGTTACCTGTCCAACCTGTTCTTCCGCACCTTTGACTTGTCTGGTTGTCCACCACCTCTTTGC
 CTTTCTGGGTTCTGGGTTTCAGCGATCAATCTCAGAGCTGGCCACTATCTAGCCATGACCACGTTGCTC
 CTAGAGATGAGCAGCCCTTACCTGCATTTCTGGATGCTCCTGAAGGCTGGTGGTCCAGACTCCCTGT
 TCTGGAAGCCAACCAAGTGGCTAATGATCCACATGTTTCACTGTCGAATGATCCTCACCTACCACATGTG
 GTGGGTGTCTTCTGCTACTGGGACGCCCTCACCAGCAGCCTGCACCTGCCCCACTGGGACTGTTCTTT
 TTCGGGCTGGCCCTGCTCAGGCCGTCTTAACCTTACTGGACACACAAGAAGCCAGCAGCTCCTCC
 ATCCCGTGGATTGGAACCTTGCACAGGAGGAAGCCAAGGGCAGCAGGCAAGAAAGACCAATGGCCAGGT
 GCCTCGGAAAAAGAGGTTGTAGCGGCGCCACCAGGGACTGGGTGGACCATGATGCCGACTGGGGAGTG
 TCCAGGTTGGACAAAGCTCCACAGTGAAGTCTTTACGTATGGATGGGGACATAGATAAGTTTATATCTAG
 GTGAATACTAAGTCTTCTTACTATGAATTTAAAGTACCCATGAAGTATTGCTGGGCGCTCGACGTGC
 CTGGAAGAGGTTTCCATCATGACTTTCCTCTGAGTCTTCTGGCGTGGCCCCAACACAGCACATCTG
 CCAAGGCAGTGTAGGGAAGGAGCAATGGCAGCCAGGTGTGCAGGCTGCTGAGGAAGCCAGTCTGGAGCC
 CTGGCAGATTTCATCGGGAAGGACCTCGTGTGGGTGTGGTGTGCCTTATTTGGAAGTCTGTTCTTTTT
 CATTGCAACAAATTGACCCTAAGAAAATGTGATTTGCTGATCATATTTTACTAGCCTGGGGAATTTT
 AAGCCCGTGGCAGTGCCTGCTCTAGTGGCAAGAGGCAAGAGGACAGAGTTATGGTAAGGGGTTCTCC
 TTGGCTTACTAGAGTCTGCCACCCCTCTGGAGTGGTGGTGGTGTGAAATCTGTACTTCAAAAAAC
 AAACAAGCAAAACAACAAAAACCCCAAGGAACCTAATAACCTTTTTGAAAAACAAAATAATGAGAATTTT
 TAGTGATATATTTCTTATTTGACAGAATAAGGTGTCTGGAGGGGCTCTGTACTCATCCTCGTGTGCTC
 ATCCTGAGTGTAGGGCCCCGAGCAAGCACCTTGCCTGACATGACCATGGGAACATGTTCTCGCCGCGC
 TGTTTGCAGGTTAGACCTCCAGACACCGGCTAGCAATGCTATCGGCAGACACAAAACTTTCCAGAGAA
 CAGTTAAAGAACAAGGGGTTTTTTGTTTGTGTTTGTGTTTGGGTTTTTGTGATTTGTTATGTCAA
 AACTACCTGAGAAATGGTGGTGTCTTGAATAATCATGTGTGACTTAGGCTTGCCTCAGCAGCCCTTAA
 CTTTATGAGGATGTATGATGCCTATTTTATTATAAAGTAGCCATTAACCTTAAAAAATAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_012000

Insert Size: 867 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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:	<u>BC021625</u> , <u>AAH21625</u>
RefSeq Size:	2167 bp
RefSeq ORF:	867 bp
Locus ID:	26889
UniProt ID:	<u>Q9QUK3</u>
Cytogenetics:	8 7.59 cM
Gene Summary:	Could play a role in cell proliferation during neuronal differentiation and in protection against cell death.[UniProtKB/Swiss-Prot Function]