

Product datasheet for MC202788

Cln3 (NM_009907) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cln3 (NM_009907) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cln3
Synonyms: A1323623; batt
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC080759 sequence for NM_009907
 GTCTACCTTGGCGAGAGTTCAGCTGCTCTTAAAGCTCGGAACACACGCTGACTTTGGGCCCTTTGGGGGA
 CCCGAACCTCAATGTTATGGGAAGTTCTGCGGGCTCGTGGAGGCGCCTTGAGGATTCTGAGAGGGAGGAGA
 CCGACTCAGAGCCCCAGGCCCTCGGTTGGATAGTCGGAGTGTCCCTTTGGAAGAATGCAGTGGGTTTCTG
 GATCTTGGGTCTTTGCAACAATTTCTCATATGTGGTGATGCTGAGCGCTGCCCATGACATCCTCAAGCAG
 GAGCAGGCGTCTGGAAACCAGAGCCATGTAGAACCAGGCCAACACCCACACCCCAACAGCTCATCTC
 GATTTGACTGCAACTCCATCTCCACAGCTGCGGTGCTCCTAGCAGACATCCTTCCCACCCTTGTCATCAA
 ACTCCTGGCGCCTCTTGGCCTTCACTTGTGCCTTACAGCCCCGGGTGCTCGTCAGTGGAGTTTGTCT
 GCTGGGAGCTTTGTTCTGGTTCCTTCTCAGTCAGTGGGGTTAAGCCTGTGTGGAGTGGTTTTGGCCA
 GCATCTCCTCAGGGCTAGGGGAGGTCACCTTCTCCTCACTGACTGCCTTCTACCCAGTGTGTGATCTC
 ATGGTGGTCTTCGGGTACCGGGGTGCAGGGCTTCTTGGATCGCTGTCTTACCTGGGACTCACCCAGGCT
 GGCTCTCCCCGAGCACACCCTACTTTCTATGTTGGGGATCCCTGTTCTGCTGTAGCCAGCTATTTCT
 TGTGCTCACGTCTCCTGAACCCCTGGACCCTGGAGGGGAAAACGAGGCAGAGACTGCTGCCCGGCAGCC
 TCTCATAGGCACCCAGACCCAGAGTCAAAGCCAGGTGCCAGCTGGGACCTCTCCCTCCAGGAAAGGTGG
 ACAGTGTTCAGGGTCTCTTGTGGTACATCCCTCTGGTGTGGTCTACTTTGCAGAATACTTTATCA
 ACCAGGGACTTTTCGAGCTCCTGTTTTTCCGGAACACTTCCCTAAGCCATGCTCAGCAGTACCGATGGTA
 CCAGATGCTATACCAGGCTGGTGTGTTTCGCTCCCGCTTCTCTCCAATGTTGCCGAATACGGTTCACC
 TGGGTCTAGCCCTGCTCCAGTGCCTCAACCTGGCCCTCCTGCTGGCAGATGTCTGCTTGAACCTTCTGC
 CCAGCATCTACCTCATCTTCATCATCTGTGTACGAAGGGCTCCTGGTGGGGCCGCTTACGTGAATA
 CTCCACAACATTGCTCTGGAGACCAGTGAACAAGCACCGAGAGTTTGCCATGGAAGCTGCCTGTATCTCT
 GACACCTTGGGAATCTCCTGTGGGGTCTGGCCCTGCCTCTGCATGACTTCTCTGTACCTCCCTT
 GACAGGAGTTGCTCGACACACTGATCTGCAGGCACATGAGCAGATCACACATCTTCGAGCTCTGCCAC
 AGCCTTTCCCTGCCCACTGCAGCAAGGAGCCCTGATGTTTCCCACTCCTGAGCTGGCCTCAGAGTTTT
 CTCCTACCCTCTGCCCTTCTAATAAATGCTTATTTTAACAGTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_009907
Insert Size:	1317 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
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:	BC080759 , AAH80759
RefSeq Size:	1601 bp
RefSeq ORF:	1317 bp
Locus ID:	12752
UniProt ID:	Q61124
Cytogenetics:	7 69.16 cM
Gene Summary:	<p>This gene encodes a transmembrane protein called battenin that is involved in lysosomal function. Mutations in this, as well as other neuronal ceroid-lipofuscinosis genes, cause a number of neurodegenerative diseases collectively known as neuronal ceroid lipofuscinoses, the most common of which is juvenile neuronal ceroid-lipofuscinosis (Batten disease). Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>