

Product datasheet for MC203543

Clu (NM_013492) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clu (NM_013492) Mouse Untagged Clone
Tag: Tag Free
Symbol: Clu
Synonyms: A; A1893575; Apoj; C; Cli; D14Ucl; D14Ucla3; Sg; Sgp; Sgp-2; Sgp2; SP-; SP-40; Sugp; Sugp-2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC075668
 CCAGGAGGAGCGCACTGGAGCCAAGCCGACACCGGACTCCAGATTCCAAGGAGGCCACGCCATGAAGAT
 TCTCCTGCTGTGGTGGCACTGCTGCTGATCTGGGACAATGGCATGGTCTGGGAGAGCAGGAGGTCTCT
 GACAATGAGCTCCAAGAACTGTCCACTCAAGGGAGTAGGTATATTAATAAGGAGATTGAGAACCGCGTCC
 AGGGAGTGAAGCACATAAAAACTCTCATAGAAAAACCAACGCAGAGCGCAAGTCTTGCTCAACAGTTT
 AGAGGAAGCCAAGAAGAAGAAAGAGGATGCTCTGGAGGACACTAGGGATTCTGAAATGAAGCTGAAGGCA
 TTCCCGGAAGTGTGTAACGAGACCATGATGGCCCTCTGGGAGGAGTGCAAGCCCTGCCTGAAGCATACT
 GCATGAAGTTCTATGCACGTGTCTGCAGGAGCGGCTCAGGGCTGGTGGCCAGCAGCTAGAGGAGTTTCT
 AAACCAGAGCTCACCTTCTACTTCTGGATGAACGGCGACCGCATCGACTCCCTGCTGGAGAGTGACCGG
 CAGCAGAGCCAAGTCTGGATGCCATGCAGGACAGCTTTGCTCGGGCATCTGGCATCATAGACACGCTCT
 TTCAGGACCGGTTCTTCGCCCGTGAGCTTCATGACCCCCACTACTTCTCCCCATCGGCTTCCCACACAA
 GAGGCCTCATTTCTTATATCCCAAGTCCCGCTTGGTCCGAGCCTCATGTCTCCCTCCCCTATGGGCT
 CCGAGCTTCCACAACATGTTCCAGCCTTTCTTTGAGATGATCCACCAGGCTCAACAGGCCATGGATGTCC
 AGCTCCACAGCCCAGCCTTCCAGTTCCCAGACGTGGATTTCTTAAGAGAAGGTGAAGATGACCGCACTGT
 GTGCAAGGAGATCCGCGCAACTCCACAGGATGCCTGAAGATGAAGGGCCAGTGTGAAAAGTGCCAGGAG
 ATCTTGTCTGTGGACTGTTCAACCAACAATCCTGCCAGGCTAACCTGCGCCAGGAGCTGAACGACTCGC
 TCCAGGTGGCCGAGAGGCTGACAGAGCAGTACAAGGAGCTGTGCAGTCTTCCAGTCAAGATGCTCAA
 CACCTCATCCCTGCTGGAGCAGCTGAACGACAGTTCAACTGGGTGTCCAGCTGGCTAACCTCACACAG
 GGCGAAGACAAGTACTACCTTCGGGTCTCCACCGTGACCACCCATTCTCTGACTCAGAGGTCCCCTCCC
 GTGTCAGTGAAGTGGTGAAGCTGTTTGACTCTGACCCATCACAGTGGTGTACCAGAAGAAGTCTC
 TAAGGATAAACCTAAGTTTATGGACACAGTGGCGGAGAAGGCGCTACAGGAATACCGCAGAAAAGCCGT
 GCGGAATGAGATAGAAGCATCACCTTCTATATGTAGGAGTGTCTGGGAGGGAATCTCCAGCTCCCCGA
 GGTGGCTGCAGACCCCTATAGAACTCCACATGTCTCCAGGCGAGTAGGCCTCACCAAGCAGCCTGCCCT
 TCCTCTGGATTCTGTACACTAATGCCTGCCTTGTCTCTCGGGAAGAAGTATTCCCCACGCAACTA
 ATCCAATAAAAAGCCGCTTGGGATACGTGAAA AAAA

Restriction Sites: AscI-NotI



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|-------------------------------|--|
| ACCN: | NM_013492 |
| Insert Size: | 1347 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: | BC075668 , AAH75668 |
| RefSeq Size: | 1684 bp |
| RefSeq ORF: | 1347 bp |
| Locus ID: | 12759 |
| UniProt ID: | Q06890 |
| Cytogenetics: | 14 34.36 cM |
| Gene Summary: | <p>The protein encoded by this gene is a secreted chaperone that can, under some stress conditions, also be found in the cell cytosol. It has been suggested to be involved in several basic biological events such as cell death, tumor progression, and neurodegenerative disorders. The encoded preproprotein undergoes proteolytic processing to generate a disulfide-linked heterodimeric mature protein comprised of alpha and beta subunits. Mice lacking the encoded protein exhibit increased severity of autoimmune myocarditis, faster progression of the acute inflammation to myocardial scarring and decreased brain injury following neonatal hypoxic-ischemic injury. [provided by RefSeq, Nov 2015]</p> |