

## Product datasheet for **RC211875**

### Clusterin (CLU) (NM\_001831) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Clusterin (CLU) (NM_001831) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Clusterin
Synonyms:	AAG4; APO-J; APOJ; CLI; CLU1; CLU2; KUB1; NA1/NA2; SGP-2; SGP2; SP-40; TRPM-2; TRPM2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC211875 representing NM\_001831  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCAGGTTTGCAGCCAGCCCCAAGGGGGTGTGTGCGGAGCAGAGCGTATAAATACGGCGCCTCCCA  
 GTGCCACAACGCGGCGTCGCCAGGAGGAGCGCGGGCACAGGGTGCCGCTGACCGAGGCGTGCAAAGA  
 CTCAGAAATTGGAGGCATGATGAAGACTCTGCTGCTGTTGTGGGGCTGCTGCTGACCTGGGAGAGTGGG  
 CAGGTCCTGGGGGACCAGACGGTCTCAGACAATGAGCTCCAGGAAATGTCCAATCAGGGAAGTAAGTACG  
 TCAATAAGGAAATTCAAATGCTGTCAACGGGGTAAACAGATAAAGACTCTCATAGAAAAACAAACGA  
 AGAGCGCAAGACACTGCTCAGCAACCTAGAAGAAGCCAAGAAGAAGAAAGAGGATGCCCTAAATGAGACC  
 AGGGAATCAGAGACAAAGCTGAAGGAGCTCCAGGAGTGTCAATGAGACCATGATGGCCCTCTGGGAAG  
 AGTGTAAAGCCCTGCCTGAAACAGACCTGCATGAAGTTCTACGCACGCGTCTGCAGAAGTGGCTCAGGCC  
 GGTGGCCGCGCAGCTTGAGGAGTTCCTGAACCAGAGCTCGCCCTTCTACTTCTGGATGAATGGTGACCGC  
 ATCGACTCCCTGCTGGAGAACGACCGGCAGCAGACGCACATGCTGGATGTCATGCAGGACCACTTACGCC  
 GCGCGTCCAGCATCATAGACGAGCTCTCCAGGACAGGTTCTTACCCCGGAGGCCCAAGGATACCTACCA  
 CTACCTGCCCTTACGCTGCCACCGGAGGCCTCACTTCTTCTTCCCAAGTCCCGCATCGTCCGACG  
 TTGATGCCCTTCTCCTGACGAGCCCTGAACCTCCACGCCATGTTCCAGCCCTTCTTGGATGATAC  
 ACGAGGCTCAGCAGGCCATGGACATCCACTTCCATAGCCCGGCTTCCAGCACCCGCCAACAGAATTCAT  
 ACGAGAAGGCGACGATGACCGGACTGTGTGCCGGGAGATCCGCCACAACCTCCACGGGCTGCCTGCGGATG  
 AAGGACCAAGTGACAAGTGCCGGGAGATCTTGTCTGTGGACTGTTCCACCAACAACCCCTCCAGGCTA  
 AGCTGCGGCGGGAGCTCGACGAATCCCTCAGGTCGCTGAGAGGTTGACCAGGAAATACAACGAGCTGCT  
 AAAGTCTACCAGTGGAAGATGCTCAACACCTCCTCCTTGTGGAGCAGCTGAACGAGCAGTTAACTGG  
 GTGTCCCGGCTGGCAAACCTCACGAAGGCGAAGACCAAGTACTATCTGCGGGTACCACGGTGGCTTCCC  
 ACACCTTCTGACTCGGACGTTCTTCCGGTGTCACTGAGGTGGTGTGAAGCTCTTTGACTCTGATCCCAT  
 CACTGTGACGGTCCCTGTAGAAGTCTCCAGGAAGAACCCTAAATTTATGGAGACCGTGGCGGAGAAAGCG  
 CTGCAGGAATACCGCAAAAAGCACCGGGAGGAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC211875 representing NM\_001831  
 Red=Cloning site Green=Tags(s)

MQVCSQPQRGCVREQSAINTAPPSAHNAASPGGARGHRVPLTEACKDSRIGGMMKTLFLVGLLLTWESG  
 QVLGDQTVSDNELQEMSNQGSKYVNKEIQNAVNGVKIKTLIEKTNEERKTLNLEEAKKKKEDALNET  
 RESETKLEKELPGVCNETMMALWEECKPCLKQTCMKFYARVCRSGSLVGRQLEEFLNQSSPFYFWMNGDR  
 IDSLENDRQQTHMLDVMQDHFSTRASSIIDELFQDRFFTRREPQDTYHYLPFSLPHRRPHFFPKSRIVRS  
 LMPFSPYEPLNFHAMFQPFLEMIHEAQQAMDIFHSPAFQHPPTTEFIREGDDRTVCREIRHNSTGCLRM  
 KDQCDKCREILSVDCSTNNPSQAKLRRELDLQVAERLTRKYNELLKSYQWMLNTSSLLEQLNEQFNW  
 VSRLANLTQGEDQYLRVTTVASHTSDSDVPSGVTEVVVKLFSDPITVTVPVEVSRKNPKFMETVAEKA  
 LQEYRKKHREE

SGP**TRRRLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mg3743\\_h09.zip](https://cdn.origene.com/chromatograms/mg3743_h09.zip)

**Restriction Sites:**

Sgfl-RsrII



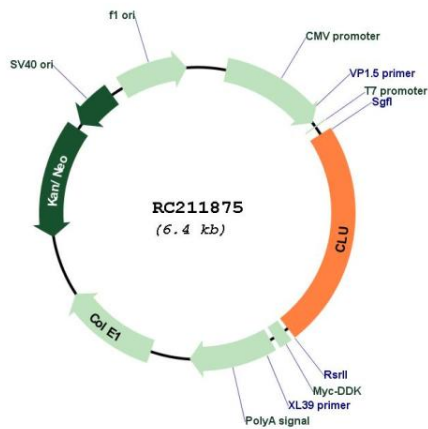
**Domains:** CLa

**Protein Families:** Druggable Genome, Secreted Protein

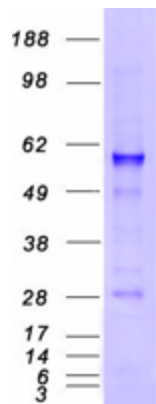
**MW:** 57.7 kDa

**Gene Summary:** 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. Alternate splicing results in both coding and non-coding variants.[provided by RefSeq, May 2011]

**Product images:**



Circular map for RC211875



Coomassie blue staining of purified CLU protein (Cat# [TP311875]). The protein was produced from HEK293T cells transfected with CLU cDNA clone (Cat# RC211875) using MegaTran 2.0 (Cat# [TT210002]).