

## Product datasheet for **RG211875**

### 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:	TurboGFP
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-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RG211875 representing NM\_001831  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCAGGTTTGCAGCCAGCCCCAAGGGGGTGTGTGCGCGAGCAGAGCGTATAAATACGGCGCCTCCCA  
 GTGCCACAACCGGGCGTCGCCAGGAGGAGCGCGGGCACAGGGTGCCGCTGACCGAGGCGTGCAAAGA  
 CTCAGAAATTGGAGGCATGATGAAGACTCTGCTGCTGTTGTGGGGCTGCTGCTGACCTGGGAGAGTGGG  
 CAGGTCCTGGGGGACCAGACGGTCTCAGACAATGAGCTCCAGGAAATGTCCAATCAGGGAAGTAAGTACG  
 TCAATAAGGAAATTCAAAATGCTGTCAACGGGGTAAAACAGATAAAGACTCTCATAGAAAAACAAACGA  
 AGAGCGCAAGACACTGCTCAGCAACCTAGAAGAAGCCAAGAAGAAGAAAGAGGATGCCCTAAATGAGACC  
 AGGGAATCAGAGACAAAGCTGAAGGAGCTCCAGGAGTGTGCAATGAGACCATGATGGCCCTCTGGGAAG  
 AGTGTAAAGCCCTGCCTGAAACAGACCTGCATGAAGTTCTACGCACGCGTCTGCAGAAGTGGCTCAGGCC  
 GGTGGCCGCCAGCTTGAGGAGTTCCTGAACCAGAGCTCGCCCTTCTACTTCTGGATGAATGGTGACCGC  
 ATCGACTCCCTGCTGGAGAACGACCGGCAGCAGACGCACATGCTGGATGTCATGCAGGACCACTTACGCC  
 GCGCGTCCAGCATCATAGACGAGCTCTCCAGGACAGGTTCTTACCCCGGAGGCCCAAGGATACCTACCA  
 CTACCTGCCCTTACGCTGCCACCGGAGGCCTCACTTCTTCTTCCCAAGTCCCGCATCGTCCGACG  
 TTGATGCCCTTCTCCTGACGAGCCCTGAACCTCCACGCCATGTTCCAGCCCTTCTTGGATGATAC  
 ACGAGGCTCAGCAGGCCATGGACATCCACTTCCATAGCCCGCCCTCCAGCACCCGCCAACAGAATTCAT  
 ACGAGAAGGCGACGATGACCGGACTGTGTGCCGGGAGATCCGCCACAACCTCCACGGGCTGCCTGCGGATG  
 AAGGACCAAGTGTACAAGTCCCGGAGATCTTGTCTGTGGACTGTTCCACCAACAACCCCTCCAGGCTA  
 AGTGTGCCGGGGAGCTCGACGAATCCCTCAGGTCGCTGAGAGGTTGACCAGGAAATACAACGAGCTGCT  
 AAAGTCTTACCAGTGGAAGATGCTCAACACCTCCTCCTTGTGGAGCAGCTGAACGAGCAGTTTAACTGG  
 GTGTCCCGGCTGGCAAACCTCACGCAAGGCGAAGACCAGTACTATCTGCGGGTACCACGGTGGCTTCCC  
 ACACTTCTGACTCGGACGTTCTTCCGGTGTCACTGAGGTGGTGTGAAGCTCTTTGACTCTGATCCCAT  
 CACTGTGACGGTCCCTGTAGAAGTCTCCAGGAAGAACCCTAAATTTATGGAGACCGTGGCGGAGAAAGCG  
 CTGCAGGAATACCGCAAAAAGCACCGGGAGGAG

AGCGGACCGACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>RG211875 representing NM\_001831  
 Red=Cloning site Green=Tags(s)

MQVCSQPQRGCVREQSAINTAPPSAHNAASPGGARGHRVPLTEACKDSRIGGMMKLLLLFVGLLLTWESG  
 QVLGDQTVSDNELQEMSNQGSKYVNKEIQNAVNGVKQIKTLIEKTNEERKTLLSNLEEAKKKKEDALNET  
 RESETKLKELPGVCNETMMALWEECKPCLKQTCMKFYARVCRSGSGLVGRQLEEFNLQSSPFYFWMNGDR  
 IDSLLENDRQQTHMLDVMQDHF SRASSIIDELFQDRFF TREPQDTYHYLPFSLPHRRPHFFFPKSRIVRS  
 LMPFSPYEPLNFHAMFQPFLEMIHEAQQAMDIFHSPAFQHPPTFEIREGDDRTVCREIRHNSTGCLRM  
 KDQCDKCREILSVCSTNNPSQAKLRRELDLQVAERL TRKYNELLKSYQWMLNTSSLLEQLNEQFNW  
 VSRLANLTQGEDQYLRVTTVASHTSDSDVPSGVTEVVVKLFSDPITVTVPVEVSRKNPKFMETVAEKA  
 LQEYRKKHREE

SGPTRRRLE - GFP Tag - V

**Restriction Sites:**

Sgfl-RsrII

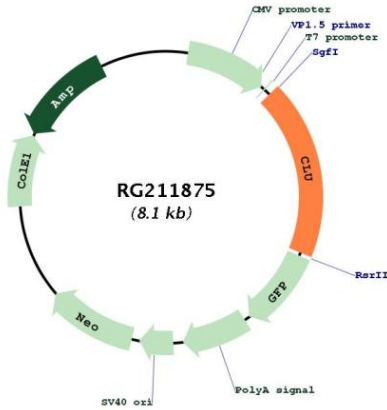


**Domains:** CLa

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

**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 RG211875