

Product datasheet for **RG205210**

CLUL1 (NM_014410) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLUL1 (NM_014410) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CLUL1
Synonyms:	RA337M
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG205210 representing NM_014410
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGCCGCCACTCTTGGTGTATTATTGTGTGTCTGCTGTGGTTGAAAGACAGTCACTGCGCACCCACTT
 GGAAGGACAAAACCTGCTATCAGTGAAAACCTGAAGAGTTTTCTGAGGTGGGGGAGATAGATGCAGATGA
 AGAGGTGAAGAAGGCTTTGACTGGTATTAAAGCAATGAAAATCATGATGGAAAGAAAAGAGAAGGAACAC
 ACCAATCTAATGAGCACCTGAAGAAATGCAGAGAAGAAAAGCAGGAGGCCCTGAAACTTCTGAATGAAG
 TTCAAGAACATCTGGAGGAAGAAGAAAGGCTATGCCGGGAGTCTTTGGCAGATTCCTGGGGTGAATGCAG
 GTCTTGCCTGGAAAATACTGCATGAGAATTTATACAACCTGCCAACCTAGCTGGTCTCTGTGAAAAAT
 AAGATTGAACGGTTTTTCAGGAAGATATATCAATTTCTATTTCTTTCCATGAAGATAATGAAAAGATC
 TCCCCATCAGTAAAAGCTCATTGAGGAAGATGCACAATTGACCCAAATGGAGGATGTGTTCAGCCAGTT
 GACTGTGGATGTGAATTCCTCTTTAACAGGAGTTTTAACGTCTTCAGACAGATGCAGCAAGAGTTTGAC
 CAGACTTTTCAATCACATTTTATATCAGATACAGACCTAACTGAGCCTTACTTTTTTCCAGCTTTCTCTA
 AAGAGCCGATGACAAAAGCAGATCTTGACAAATGTTGGGACATCCCAACTTCTTCCAGCTGTTTTGTAA
 TTTTCAGTGTCTCTATTTATGAAAGTGTCAGTGAACAATTACTAAGATGCTGAAGGCAATAGAAGATTTA
 CCAAAAACAGACAAGCTCCTGACCACGGAGGCCCTGATTTCAAAGATGTTACCTGGGCAGGACAGAGGAC
 TGTGTGGGAACTTGACCAGAAATTTGTCAAGATGTTTCAAATTTTCATGAAAAATGCCAAAATGTCAGGC
 TCACCTATCTGAAGACTGCTGATGTACCTGCTGTCACACAGAATTAGACGAGGCGATCAGGTTGGTC
 AATGTATCCAATCAGCAGTATGGCCAGATTCCTCAGATGACCCGGAAGCACTTGGAGGACACCCGCATC
 TGGTGGAGAAGATGAGAGGGCAATTTGGCTGGGTGTCTGAATGGCAAACCAGGCCCGAGAAACAGAGAT
 CATCTTTAATTCATAACAGGTAGTTCCAAGGATTCATGAAGGAAATATTTCCAAAACAAGATGAAACAATG
 ATGACAGACTTAAGCATTCTGCCTTCTCTAATTTCACTCAAGATCCCTCTTGAAGAAAGTGCTGAGA
 GTTCTAACTTCATTGGCTACGTAGTGGCAAAGCTCTACAGCATTTTAAGGAACATTTTAAACCTGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG205210 representing NM_014410
 Red=Cloning site Green=Tags(s)

MKPPLLVFIVCLLWLKDSHCAPTWKDKTAISENLKSFSEVGEIDAEVKKALTGIKQMKIMMERKEKEH
 TNLMSTLKKCREEKQEALKLLNEVQEHLEEEERLCRESLADSWGECRSCLENNCMRIYTTCPSSWSVKN
 KIERFFRKIYQFLFPFHEDNEKDLPISEKLIIEEDAQLTQMEDVFSQLTVDVNSLFNRSFNVRQMQQEFD
 QTFQSHFISDSDLTEPYFFPAFSKEPMTKADLEQCWDIPNFFQLFCNFSVSIYESVSETITKMLKAIEDL
 PKQDKAPDHGGLISKMLPGQDRGLCGELDQNL SRCFKFHEKCQKQAHLS EDCPDV PALHTELDEAIRLV
 NVSNQQYQGILQMRKHLEDYALVEKMRGQFGWVSEL ANQAPETE IIFNSIQVVPRIHEGNI SKQDET M
 MTDLSILPSSNFTLKIPLLEESAESSNF IGYVVAKALQHFKHFKTW

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_014410

ORF Size: 1398 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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: [NM_014410.4](#), [NP_055225.1](#)

RefSeq Size: 1951 bp

RefSeq ORF: 1401 bp

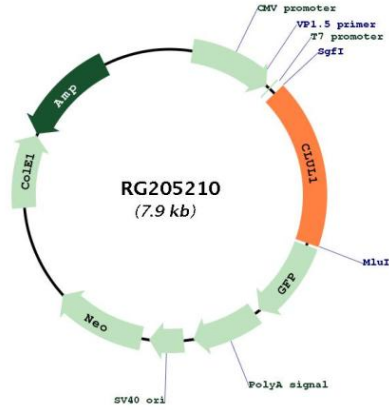
Locus ID: 27098

UniProt ID: [Q15846](#)

Cytogenetics: 18p11.32

Domains: Cla
 Protein Families: Secreted Protein

Product images:



Circular map for RG205210