

## Product datasheet for **RG215189**

### **CBLL1 (NM\_024814) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	CBLL1 (NM_024814) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CBLL1
Synonyms:	HAKAI; RNF188
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG215189 representing NM\_024814  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATCACACTGACAATGAGTTACAAGGCACTAATAGTTCTGGATCCTTGGGTGGTCTTGATGTTTCGCA  
 GACGAATTCCTATAAAGCTCATCTCCAAACAAGCAAAACAAGCGAAACCTGCACCGGAACCTCAAAGAAC  
 TATAAACAGGATGCCTGCAAAGGCTCCACCTGGTGATGAAGAAGGATTTGATTATAATGAAGAAGAACGG  
 TATGACTGTAAAGGGGGTGAAGCTGTTTGCAAATCAGCGAAGATTTCTGGACACCTTTTTTGGGACTTTC  
 AGATAACATCTTAGGTGAAAAGGATGATACACAGTTCAATTTCTGTGACAAGTGTGGATTGCCTATTAA  
 AATCTATGGGAGAATGATTCCATGCAAGCATGTTTTTGTCTATGACTGTGCTATTTTACATGAAAAAAG  
 GGAGATAAGATGTGTCCAGGCTGTAGTATCCTGTGCAGCGAATTGAGCAGTGTACACGAGGTTCTCTCT  
 TCATGTGTAGCATTGTTCAAGGGTGAAGAGAACATATTTGTCTCAGAGAGACTTACAGGCTCATATCAA  
 CCATCGCCATATGAGAGCTGAAAACCTGTTACCCGTGCTTCACTTGAAAATGTTTCATCCTCCTATTGCC  
 CCACCACCAACTGAAATCCCTGAGCGTTTTATAATGCCACCAGACAAGCACCATATGAGCCATATCCCGC  
 CAAAGCAGCACATCATGATGCCACCACCTCCTTTGCAACATGTGCCACATGAGCACTATAATCAGCCACA  
 TGAGGATATTCGTCTCCTCCAGCAGAATTGTCCATGGCTCCACCTCCACCTCGATCGGTGAGTCAGGAA  
 ACCTTTTCTGATTTCAACAAGAAAACACAGCAATTAATAACCGTCCCTATTCAGGATGACTCAAATTCAG  
 GTGCTAGAGAACCACCACCTCCTGCCCCAGCACCTGCTCACCATCATCCTGAATATCAGGGTCAACCAGT  
 GGTATCGCACCCTCATCATATTTAGCCTCCACAGCAACATTATGCACCACCCCACTCCTCCACCACCA  
 ATAAGCCATCCAATGCCACATCCTCCAGGCTGCAGGTAATCCTCACTTGGTATATAGCCAAGCTCCAC  
 CTCCACCAATGACCTCTGCTCCACCACCAATAACCCCTCCCCCTGGACATATTATTGCCAGATGCCAC  
 TTATATGAATCATCCTCCTCCAGGACTCCCCACCTCAACATGGTGGTCCACCTGTAACCTGCACCCCT  
 CCTCACCATTATAATCCTAACTATTACCCAGTTCACCTGAAGATCAAGGAACTCTGAGCCCTCCATTTA  
 CACAACCAGGGGAATGAGTCTGGTATATGGCCTGCACCAAGAGGGCCACCACCACCTCCACGATTGCA  
 GGGTCCGCTTCTCAAACCCACTTCTGGACCACATCATCCAGATCAGACAAGATATAGACCGTATTAC  
 CAA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>RG215189 representing NM\_024814  
 Red=Cloning site Green=Tags(s)

MDHTDNEIQGTNSSGSLGGLDVRRIPIKLIKQANKAKPAPRTQRTINRMPAKAPPGDEEGFDYNEEER  
 YDCKGGELFANQRRFPGHLFWDFQINILGEKDDTPVHFCDKCGLPIKIYGRMIPCKHVFCYDCAILHEKK  
 GDKMCPGCSDPVQRIEQCTRGLFMCSIVQGCKRTYLSQRDLQAHINHRHMRAGKPVTRASLENVHPPPIA  
 PPPTEIPERFIMPPDKHHMSHIPPKQHIMPPPLQHVPHHEHYNQPHEDIRAPPAELSMAPPPRSVSQE  
 TFRISTRKHSNLIIVPIQDSDNSGAREPPPPAPAPAHHPPEYQGPVVSHPHHIMPPQHYAPPPPPPP  
 ISHPMPHPPQAAGTPHLVYSQAPPPMTSAPPPITPPPGHIIAQMPYMNHPPPGPPPPQHGGPPVTAPP  
 PHHYNPNLSPQFTEDQGTLSPPFTQPGGMSPIWPAAPRGPPPPRLQGPPSQTPLPGPHHPDQTRYRPPY  
 Q

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_024814

**ORF Size:** 1473 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\\_024814.4](#)

**RefSeq Size:** 1978 bp

**RefSeq ORF:** 1476 bp

**Locus ID:** 79872

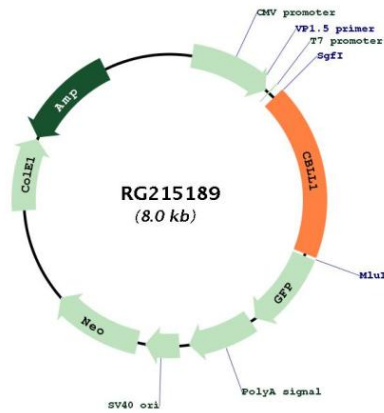
**UniProt ID:** [Q75N03](#)

**Cytogenetics:** 7q22.3

**Protein Families:** Druggable Genome

**Gene Summary:** This gene encodes an E3 ubiquitin-ligase for the E-cadherin complex and mediates its ubiquitination, endocytosis, and degradation in the lysosomes. The encoded protein contains a RING-finger domain and is also thought to have a role in control of cell proliferation. A related pseudogene has been identified on chromosome X. Alternative splicing results in a non-coding transcript variant. [provided by RefSeq, Aug 2011]

**Product images:**



Circular map for RG215189