

Product datasheet for **SC305157**

CBLL1 (NM_024814) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CBLL1 (NM_024814) Human Untagged Clone
Tag:	Tag Free
Symbol:	CBLL1
Synonyms:	HAKAI; RNF188
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC305157 representing NM_024814.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGATCACACTGACAATGAGTTACAAGGCACTAATAGTTCTGGATCCTTGGGTGGTCTTGATGTTTCGC
AGACGAATTCCTATAAAGCTCATCTCAAACAAGCAAACAAGCGAAACCTGCACCGCAACTCAAAGA
ACTATAAACAGGATGCCTGCAAAGGCTCCACCTGGTGATGAAGAAGGATTTGATTATAATGAAGAAGAA
CGGTATGACTGTAAAGGGGTGAGCTGTTTGCAAATCAGCGAAGATTTCTGGACACCTTTTTTGGGAC
TTTCAGATAAACATCTTAGGTGAAAAGGATGATACACCACTTCATTTCTGTGACAAGTGTGGATTGCCT
ATTAATACTATGGGAGAATGATTCCATGCAAGCATGTTTTTGTCTGACTGTGCTATTTTACATGAA
AAAAAGGGAGATAAGATGTGTCCAGGCTGTAGTGATCCTGTGCAGCGAATTGAGCAGTGTACACGAGGT
TCTCTCTTCATGTGTAGCATTGTTCAAGGGTCAAGAGAACATATTTGTCTCAGAGAGACTTACAGGCT
CATATCAACCATCGCCATATGAGAGCTGGAACCTGTTACCCGTGCTTCACTTGAATGTTTCATCCT
CCTATTGCCCCACCACTGAAATCCCTGAGCGTTTTATAATGCCACCAGACAAGCACCATATGAGC
CATATTCGCCAAAGCAGCACATCATGATGCCACCACCTCCTTTGCAACATGTGCCACATGAGCACTAT
AATCAGCCACATGAGGATATTCGTGCTCCTCCAGCAGAATTGTCCATGGCTCCACCTCCACCTCGATCG
GTCAGTCAGGAAACCTTTTCGTATTTCAACAAGAAAACACAGCAATTTAATAACCGTCCCTATTGAGGAT
GACTCAAATTCAGGTGCTAGAGAACCACCACTCCTGCCCCAGCACCTGCTCACCATCATCTGAATAT
CAGGGTCAACCAAGTGGTATCGCACCTCATCATATTATGCCTCCACAGCAACATTATGCACACCCCCA
CCTCCTCCACCACCAATAAGCCATCCAATGCCACATCCTCCCCAGGCTGCAGGTACTCTCACTTGGTA
TATAGCCAAGCTCCACCTCCACCAATGACCTCTGCTCCACCACCAATAACCCCTCCCCCTGGACATATT
ATTGCCAGATGCCACCTTATATGAATCATCCTCCTCCAGGACCTCCCCACCTCAACATGGTGGTCCA
CCTGTAACTGCACCCCTCCTCACCATTATAATCCTAATCATTACCCCACTTCACTGAAGATCAAGGA
ACTCTGAGCCCTCCATTTACACAACCAGGGGAATGAGTCTGGTATATGGCTGCACCAAGAGGGCCA
CCACCACCTCCACGATTGCAGGGTCCGCTTCTCAAACCCCACTTCTGGACCACATCATCCAGATCAG
ACAAGATATAGACCGTATTACCAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_024814

Insert Size: 1476 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_024814.3</u>
RefSeq Size:	4447 bp
RefSeq ORF:	1476 bp
Locus ID:	79872
UniProt ID:	<u>Q75N03</u>
Cytogenetics:	7q22.3
Protein Families:	Druggable Genome
MW:	54.5 kDa
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] Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.