OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC227084

Cbll1 (NM_001253848) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cbll1 (NM_001253848) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cbll1
Synonyms:	AI467391; c-Cbl-like; Hakai
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC227084 representing NM_001253848 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGATCACACTGACAATGAGTTACAAGGCACTAATAGTTCTGGATCCTTGGGTGGTCTTGATGTTCGCA GAAGAATCCCTATAAAGCTCATCTCCAAACAAGCCAGCAAAGTTAAGCCGGCACCTCGGACTCAAAGGAC TGTCAGCAGGATGCCCGCAAAGGCCCCGCAAGGATTTGATTATAACGAAGAACAGCGATATGACTGTAAA GGAGGCGAACTCTTTGGGAATCAGCGAAGATTTCCAGGACACCTTTTTTGGGATTTCAAGATAAACATCT TAGGTGAAAAGGACGATACACCAGTACATTTCTGTGACAAATGTGGACTGCCTATTAAAGTCTATGGGAG AATGATTCCATGCAAGCATGTCTTTTGCTATGACTGTGCTATTTTACATGAAAAAAAAGGAGATAAGATG TGCCCAGGATGTAGTGATCCTGTGCAGCGGATTGAGCAGTGCACACGAGGTTCTCTCTTTATGTGTAGCA TTGTTCAAGGATGCAAGAGAACATATCTGTCTCAGAGAGACTTACAAGCTCATATCAACCATCGCCATAT GAGAGCTGGAAAGCCCGTTACCCGTGCTTCACTTGAGAATGTTCATCCTCCTATTGCCCCCCCACCAACT GACATCCCCGATCGGTTCATAATGCCACCAGACAAGCATCATATGAGCCATATTCCTCCAAAGCAGCACA TCATGATGCCACCGCCTCCTCTGCAGCATGTGCCACATGAGCACTATAATCAGCCACATGAGGATATTCG TGCTCCTCCGGCAGAATTGTCCATGGCTCCACCTCCACCTCGTTCGTTTACTGAAGACCAAGGAACTCTG AGCCCTCCATTTACACAACCAGGAGGAATGAGTCCTGGTATATGGCCTGCACCAAGAGGGCCACCTCCTC CTCCACGAATGCAGGGCCCGCCTTCTCAAACCCCACTACCTGGACCGCATCATCCAGATCAAACAAGATA CAGACCGTATTACCAGTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001253848

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Insert Size:	999 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001253848.1, NP_001240777.1
RefSeq Size:	3530 bp
RefSeq ORF:	999 bp
Locus ID:	104836
UniProt ID:	Q9JIY2
Cytogenetics:	12 A2
Gene Summary:	E3 ubiquitin-protein ligase that mediates ubiquitination of several tyrosine-phosphorylated Src substrates, including CDH1, CTTN and DOK1 (PubMed:11836526, PubMed:22252131). Targets CDH1 for endocytosis and degradation (PubMed:11836526). Associated component of the WMM complex, a complex that mediates N6-methyladenosine (m6A) methylation of RNAs, a modification that plays a role in the efficiency of mRNA splicing and RNA processing (PubMed:29535189, PubMed:29547716). Its function in the WMM complex is unknown (PubMed:29535189, PubMed:29547716).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) uses an alternate in-frame splice site and lacks an segment in the coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.