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Product datasheet for MC227985

Cbll1 (NM_001253847) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cbll1 (NM_001253847) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cbll1
Synonyms:	AI467391; c-Cbl-like; Hakai
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC227985 representing NM_001253847
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATCACACTGACAATGAGTTACAAGGCACTAATAGTTCTGGATCCTTGGGTGGTCTTGATGTTCGCA
GAAGAATCCCTATAAAGCTCATCTCCAAACAAGCCAGCAAAGTTAAGCCGGCACCTCGGACTCAAAGGAC
TGTCAGCAGGATGCCCGCAAAGGCCCCGCAAGGTGATGAAGAAGGATTTGATTATAACGAAGAACAGCGA
TATGACTGTAAAGGAGGCGAACTCTTTGGGAATCAGCGAAGATTTCCAGGACACCTTTTTTGGGATTTCA
AGATAAACATCTTAGGTGAAAAGGACGATACACCAGTACATTTCTGTGACAAATGTGGACTGCCTATTAA
AGTCTATGGGAGAATGATTCCATGCAAGCATGTCTTTTGCTATGACTGTGCTATTTTACATGAAAAAAAA
GGAGATAAGATGTGCCCAGGATGTAGTGATCCTGTGCAGCGGATTGAGCAGTGCACACGAGGTTCTCTCT
TTATGTGTAGCATTGTTCAAGGATGCAAGAGAACATATCTGTCTCAGAGAGACTTACAAGCTCATATCAA
CCATCGCCATATGAGAGCTGGAAAGCCCGTTACCCGTGCTTCACTTGAGAATGTTCATCCTCCTATTGCC
CCCCCACCAACTGACATCCCCGATCGGTTCATAATGCCACCAGACAAGCATCATATGAGCCATATTCCTC
CAAAGCAGCACATCATGATGCCACCGCCTCCTCTGCAGCATGTGCCACATGAGCACTATAATCAGCCACA
TGAGGATATTCGTGCTCCTCCGGCAGAATTGTCCATGGCTCCACCTCCACCTCGTTCGGTCAGTCAGGAA
ACCTTTCGTATTTCAACAAGAAAACACAGCAATTTAATAACGGTCCCTATTCAGGATGACTCCAGTTCAG
GTGCTAGAGAACCACCACCTCCTGCCCCAGCACCTGCTCATCACCATCCTGAATATCAGGGTCAGCCCGT
GGTATCTCACCCTCATCATATTATGCCTCCACAGCAACATTACGCACCACCCCCACCTCCTCCACCACCA
ATAAGCCATCCAATGCCACACCCTCCCCAGGCTGCAGGTACTCCTCACTTGGTATATAGCCAAGCTCCAC
CTCCACCAATGACCTCTGCTCCACCCCCAATAACCCCTCCCCCTGGACATATTATTGCCCAGATGCCACC
TTATATGAATCATCCTCCTCCAGGACCCCCTCCACCTCAGCATGGTGGTCCACCTGTAACTGCACCCCCT
CCTCACCATTACAATCCTAACTCTTTACCCCAGTTTACTGAAGACCAAGGAACTCTGAGCCCTCCATTTA
CACAACCAGGAGGAATGAGTCCTGGTATATGGCCTGCACCAAGAGGGCCACCTCCTCCTCCACGAATGCA
GGGCCCGCCTTCTCAAACCCCACTACCTGGACCGCATCATCCAGATCAAACAAGATACAGACCGTATTAC
CAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001253847

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: 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_001253847.1, NP_001240776.1
RefSeq Size:	4007 bp
RefSeq ORF:	1476 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 (1) represents the longest transcript and encodes the longest 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.