

Product datasheet for **MC216776**

Cbl11 (NM_134048) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cbl11 (NM_134048) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cbl11
Synonyms:	AI467391; c-Cbl-like; Hakai
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216776 representing NM_134048
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGATCACACTGACAATGAGTTACAAGGCACTAATAGTTCTGGATCCTTGGTGGTCTTGATGTTTCGCA
 GAAGAATCCCTATAAAGCTCATCTCCAAACAAGCCAGCAAAGTTAAGCCGGCACCTCGGACTCAAAGGAC
 TGTCAGCAGGATGCCCGCAAAGGCCCGCAAGGTGATGAAGGATTGATTATAACGAAGAACAGCGATAT
 GACTGTAAAGGAGGCGAACTCTTTGGGAATCAGCGAAGATTTCCAGGACACCTTTTTGGGATTTCAAGA
 TAAACATCTTAGGTGAAAAGGACGATACACCAGTACATTTCTGTGACAAATGTGGACTGCCTATTAAGT
 CTATGGGAGAATGATTCCATGCAAGCATGTCTTTTGTATGACTGTGCTATTTTACATGAAAAAAGGA
 GATAAGATGTGCCAGGATGTAGTGATCCTGTGCAGCGGATTGAGCAGTGCACACGAGGTTCTCTCTTTA
 TGTGTAGCATTGTTCAAGGATGCAAGAGAACATATCTGTCTCAGAGAGACTTACAAGCTCATATCAACCA
 TCGCCATATGAGAGCTGGAAGCCCGTTACCCGTGCTTCACTTGAGAATGTTTCATCCTCCTATTGCCCC
 CCACCAACTGACATCCCCGATCGGTTCAATGCCACCAGACAAGCATCATATGAGCCATATTCTCCAA
 AGCAGCACATCATGATGCCACCGCTCCTCTGCAGCATGTGCCACATGAGCACTATAATCAGCCACATGA
 GGATATTCGTGCTCCTCCGGCAGAATTGTCCATGGCTCCACCTCCACCTCGTTCGGTCAGTCAGGAAACC
 TTTCGTATTTCAACAAGAAAACACAGCAATTTAATAACGGTCCCTATTCAGGATGACTCCAGTTCAGGTG
 CTAGAGAACCAACCTCCTGCCCCAGCACCTGCTCATCACCATCCTGAATATCAGGGTCAGCCCGTGGT
 ATCTCACCTCATCATATTATGCCTCCACAGCAACATTACGCACCACCCACCTCCTCCACCACCAATA
 AGCCATCCAATGCCACACCTCCCCAGGCTGCAGGTACTCCTCACTTGGTATATAGCCAAGCTCCACCTC
 CACCAATGACCTCTGCTCCACCCCAATAACCCCTCCCCCTGGACATATTATTGCCAGATGCCACCTTA
 TATGAATCATCCTCCTCCAGGACCCCTCCACCTCAGCATGGTGGTCCACCTGTAAGTGCACCCCTCCT
 CACCATTAACAATCCTAATCTTTACCCAGTTTACTGAAGACCAAGGAATCTGAGCCCTCCATTTACAC
 AACCAGGAGGAATGAGTCTGGTATATGGCCTGCACCAAGAGGGCCACCTCCTCCTCCACGAATGCAGGG
 CCCGCCTTCTCAAACCCACTACCTGGACCGCATCATCCAGATCAACAAGATACAGACCGTATTACCAG
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_134048

Insert Size: 1473 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).

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_134048.2, NP_598809.1</u>
RefSeq Size:	4004 bp
RefSeq ORF:	1473 bp
Locus ID:	104836
UniProt ID:	<u>Q9JIY2</u>
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 (2) uses an alternate in-frame splice site in the coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to 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.