

Product datasheet for **MC206029**

Ccbl1 (BC052047) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccbl1 (BC052047) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccbl1
Synonyms:	Gtk, Katl, Kat1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052047
 CAACCTTGGGAATACGTTTGGGGTGCGGGTTATTGGACAGAGCAGCGCTATTGTTTGTGAAGCAGAAC
 TGTGTGTGGGACTCAGGCCCTGGCTTGGAGCCATTTTCTGGCCTAGACTGTCTGCCCTTCTGTGCCCTG
 AGGGGACGTCTGCAGTGCCTTGGATCTGGGAGGCATGTTCAAGAGTGCAGCAGGCCCTCTCGGTGCACCTG
 CTGTGACCACTCTGGGAAGGAAGGCTGGAGCCTCACGCAGCCAGTGCTGCACCACTCTCACCATGT
 CCAAACAGCTGCAGGCTCGAAGGCTGGAAGGATCGATCACAACCCCTGGGTGGAGTTTACCAGAGTGC
 CAAGGATATGATGTCGTGAACCTGGCCAGGGCTTCCCTGACTTCTCACGCCAGACTTGTGTGCAA
 GCTTTTACAGCAGGCTACCACTGGGAACCTCATGCTCAACCAGTACACCTCAGCGTTTGGTTACCCTCCAC
 TGACAAAGATCCTGGCAAGTTTCTTGGCAAGCTGCTGGGACAGGAGATGGACCCACTCAAGAATGTGCT
 GGTGACAGTGGGAGCCTATGGGGCTTGTTCACAGCCTTTCAGGCCCTGGTGGATGAAGGAGACGAGGTC
 ATCATCATCGAACCTGCTTTAATTGTTACGAACCCATGACAATGATGGCTGGAGGTGCGCCTGTGTTG
 TGTCCCTGAGGCTGAGTCTGCTCCTAAGGGGAGCTGGGATCCAGCAATGATTGGCAGCTGGACCCAC
 AGAACTGGCCAGCAAGTTCACACCTCGCACCAAGATCCTGGTCTCAACACACCAACAACCTCTGGGA
 AAGGTATTCTTAAGAAGGAGCTGGAGCTGGTGGCTGCACTGTGCCAACAGCATGATGCTCTGTGCTTCT
 CTGATGAGGTCTACCAGTGGCTGCTATGATGGGCACCAAGCAGCATCAGCATTGCCAGCCTCCCTGGCAT
 GTGGGAACGGACACTGACCATCGGCAGCGCAGGCAAAAGCTTCAGTGCCACTGGCTGGAAGTGGGCTGG
 GTCATGGGTCCAGATAACATCATGAAGCACCTGCGGACTGTGCACCAGAATCTATCTTTACTGCCCA
 CCCAGGCCAGGCTGCAGTAGCCAGTGTCTTGGAGCGGAGCAGCAACACTTTGGACAACCCAGCAGTTA
 CTTTTTGCAGCTGCCACAGGCCATGGGCCTGAACCGAGACCACATGATCCAGAGCCTGCAGTCAAGTGGG
 CTCAAGCCCTTGATCCCCAGGGCAGCTACTTCTCATTGCAGACATCTCAGACTTCAAGAGCAGCATGC
 CCGACCTGCCTGGTGTATGGATGAGCCCTATGATACACGCTTTGCCAAGTGGATGATCAAAAACAAGGG
 GCTGTAGCCATCCCTGTCTCCACCTTCTATAGCCAGCCCATCATAAGGACTTTGACCACTACATCCGA
 TTCTGTTTTGTGAAGACAAGGCTACACTCCAGGCCATGGATAAAGAGGCTGTGCAGCTGGAAAGGAGAGC
 CCAAGCCTGAGGCGCTCAGGCCGCTCAACCCGAGACCTCAGCTGTGCTTATCACAGAGATGGCG
 CTGCAGGGCCAGATGTGTGACTGGCATGTTTCCAGGAAAGAGGCCATCTCTTGGGGTTTTCAGCCATC
 TTACCCAGTGTCTGGACTGCTATATTGGTTGGGGCTGGTTCTGGAACCTCAGTCTGCGCCTCTATAGGT
 TCTTGTAGAGCCTTGGTTGTTTCTGGCCTCTGCCTGGGACAGTAAAGGATGGAGGATCAGGCCTGGAGCC
 CCAGCCCCACCTTAGCCCTGCTGAGGCTCCATGGCTTCTCCACTTCTTCTCATGTGACCTCACAGTGTG
 CTACTGTTCTAATAAAGTTTTAAGTTATTAGAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: BC052047

Insert Size: 1275 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.

RefSeq: [BC052047](#), [AAH52047](#)

RefSeq Size: 1944 bp

RefSeq ORF: 1275 bp

Locus ID: 70266

Cytogenetics: 2 B

Gene Summary: Catalyzes the irreversible transamination of the L-tryptophan metabolite L-kynurenine to form kynurenic acid (KA). Metabolizes the cysteine conjugates of certain halogenated alkenes and alkanes to form reactive metabolites. Catalyzes the beta-elimination of S-conjugates and Se-conjugates of L-(seleno)cysteine, resulting in the cleavage of the C-S or C-Se bond (By similarity).[UniProtKB/Swiss-Prot Function]