

Product datasheet for **SC126137**

CCBL2 (KYAT3) (BC000819) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCBL2 (KYAT3) (BC000819) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCBL2
Synonyms:	cysteine conjugate-beta lyase 2; DKFZp547N1117; DKFZp667D0223; KAT3; kynurenine aminotransferase III; MGC9398; OTTHUMP00000012357; OTTHUMP00000012390; RBM1; RBMXL1; RNA binding motif protein, X-linked-like 1; RP4-531M19.2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC000819 edited
AATTATCAAAGATTGCAGCAATCGATAGCCTGAATCAGTATACACGAGGCTTTGGCCATC
CATCACTTGTGAAAGCTCTGTCTATCTGTATGAAAAGCTTTATCAAAGCAAATTGATT
CAAATAAAGAAATCCTTGTGACAGTAGGAGCATATGGATCTCTTTTAAACACCATTCAAG
CATTAATTGATGAGGGAGATGAAGTCATACTAATAGTGCCTTTCTATGACTGCTATGAGC
CCATGGTGAGAAATGGCTGGAGCAACACCTGTTTTTATCCCTGAGATCTAAACCTGTTT
ATGAAAAAGATGGTCTAGTTCTGACTGGACATTAGATCCTCAAGAACTGGAAAGTAAAT
TTAATTCAAAAACCAAAGCTATTATACTAAATACTCCACATAACCCACTTGGCAAGGTGT
ATAACAGAGAGGAACTGCAAGTAATTGCTGACCTTTCATCAAATATGACACACTCTGCA
TCAGCGATGAGGTTTATGAATGGCTTGTATATTCTGAAAATAAGCACTTAAAAATAGCTA
CTTTTCCAGGTATGTGGGAGAGAACAATAACAATAGGAAGTGTGGAAAGACTTTCAGTG
TAACTGGCTGGAAGCTTGGCTGGTCCATTGGTCCAAATCATTTGATAAACATTTACAGA
CAGTTCAACAAAACACGATTTATACTTGTGCAACTCCTTACAGGAAGCCTTGGCTCAAG
CTTTCTGGATTGACATCAAGCGCATGGATGACCCAGAATGTTACTTTAATCTTTGCCAA
AAGAGTTAGAAGTAAAAAGAGATCGGATGGTACGTTTACTTGAAAGTGTGGCCTAAAAC
CCATAGTTCCTGATGGAGGATACTTCATCATCGCTGATGTGTCTTTGCTAGATCCAGACC
TCTCTGATATGAAGAATAATGAGCCTTATGACTATAAGTTTGTGAAATGGATGACTAAAC
ATAAGAACTATCAGCCATCCCCGTTTCAGCATTCTGTAAGTCAAGAGACTAAATCACAGT
TTGAGAAGTTTGTGCGTTTTTGTCTTCAATAAAAAAGACAGCACACTGGATGCTGTGAAG
AAATCATCAAGGCATGGAGTGTACAGAAGTCTTGATTTGTGCAGAATGGATTAATGTTTC
TGTTAGATGACCTAGTATGGAATTGTTACTTAGTGCTGCCACCTGCTGGATGTTAAAAGG
TATTTTCAGTACAACCTGGAATTTAAATATTTCCATTGTTTTTCCAAAGCAGTTAACCCAAC
TCCTAACCAACATTTTCGGGGATCTGACCTTTTTTTCCAGTTGAAATGTATTAACACAC
CTTCCACAATCATTTTATAAGAGTCAGCATAACATAGTGGATAAGAAATGTGAGATGTTT
AACCTCTCAGTAACTCGTTCCTCATTATAAAATAGGAATAAAATCAGTACCTGTTTCA
TATGAAGTTCGTTTCTGAGAATTAATGGACTAATGTATGCAAAAAGCCTGGCAACAAT
AAACACTCATCTGACTTTAA
AA

Restriction Sites: NotI-NotI

ACCN: BC000819

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: [BC000819.1](#), [AAH00819.1](#)

RefSeq Size: 1562 bp

Locus ID: 56267

Cytogenetics: 1p22.2

Gene Summary: This gene encodes an aminotransferase that transaminates kynurenine to form kynurenic acid, which is a metabolite of tryptophan. Multiple alternatively spliced transcript variants that encode different proteins have been described for this gene. This gene shares 5' exon structure with the RNA binding motif protein, X-linked-like 1 locus on chromosome 1, but the coding sequences are non-overlapping. [provided by RefSeq, Mar 2017]