

Product datasheet for **SC107405**

CBLN2 (NM_182511) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CBLN2 (NM_182511) Human Untagged Clone
Tag:	Tag Free
Symbol:	CBLN2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107405 sequence for NM_182511 edited (data generated by NextGen Sequencing) ATGCAGGCGCCCGCGGGGCCACTCGGGCTGCGGCTGATGATGCCCGGGCGCCGGGGG GCGCTGCGCGAGCCTGGCGGCTGCGGATCCTGCCTGGGGGTGGCGCTGGCCCTGCTGTTG CTGCTACTGCCCCGCTGCTGCCCCGTGCGGGCGCAGAACGACACGGAGCCCATCGTGCTG GAGGGCAAGTGCTGGTGGTGTGCGACTCCAGCCCGTCGGCGGACGGCGCCGTCACCTCC TCCCTAGGCATCTCCGTGCGCTCCGGCAGCGCCAAGGTGGCCTTCTCCGCCACGCGGAGC ACCAACCACGAGCCGTCCGAGATGAGCAACCGCACCATGACCATCTATTTGACCCAGGTA TTAGTAAATATTGGCAACCACTTTGATCTTGCTTCCAGTATATTTGTAGCACCGAGAAAA GGGATTTATAGCTTCAGCTTCCACGTGGTCAAAGTGTATAACAGACAAACCATCCAGGTC AGTTTAATGCAGAATGGCTACCCAGTGATCTCGGCCTTTGCAGGAGACCAGGATGTCACC AGAGAAGCTGCTAGCAATGGCGTGCTGCTGCTCATGGAAAGGGAAGACAAAGTGCACTC AAACTTGAGAGAGGCAACCTCATGGGGGCTGGAATACTCCACATTCTCGGGCTTCTTG GTGTTTCCTCTATAA Clone variation with respect to NM_182511.3 75 g=>t



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_182511 unedited
 TTTGTATACGACTCACTATAGGCGGCCGGAATTCGGCACGAGGGGTCACGCCATTCAAT
 ATTAAGACTTGGAGGGAATTGGGGAAAGAAAAGAAAGAATCTAAAAGAAGAGAAGCGACC
 GGTGCTTTTAAGGGTGTCTAATTTTCAAAGAGACGTCTGGGAGTATTTTGCTCTGGGCG
 TTTGGAGCAACTTCGCGGACAGCGGAGCTCGCCAGCATGGATGTTCCAGGTTACAGGC
 GCCTTTCTTCTGAGAACGACCTTGGCCTTGAACGTCAGAGCCGGGGACGAAGGCCCGCG
 AGGCTGCTGCGAGCTCCGCGCGTTCCTTCGCGCCCTTCGCGCCGCTCGCGCCGCGCCG
 GCCTCCACCCCGCGCGCGCTCCACCAAGTCCCGATGCAGGCGCCGCGCGGGGCCA
 CTCGGGCTGCGGCTGATGATGCCCGGGCGCGGGGGCGCTGCGCGAGCCTGGCGGCTGC
 GGATCCTGCCTGGGGGTGGCGCTGGCCCTGCTGTTGCTGCTACTGCCCGCTGCTGCCCC
 GTGCGGGCGCAGAACGACACGGAGCCCATCGTGTGGAGGGCAAGTGCCTGGTGGTGTGC
 GACTCCAGCCGTCGCGGACGGCGCCGTACCTCCTCCCTAGCATCTCCGTGCGCTNC
 GGCAGCGCAAGGTGGCCTTCTCCGCCACGCGGAGCACCCACCACGAGCCCTCCGAGATG
 AGCACCCGACCATGACCATCTATTTGCCAGGTATTAGTAAATATTGGACCACTTTGA
 TCTTGCTCTCAGTATATTCGTAGCACCCGAGAAAGGGATTATAGCCTCCACCTCCACG
 TGGCAAGTTGTTAACAGACAAACCTCCAGGTGAGTTTATGCAGAATGCCTCCAGTGACC
 TCGCCCTTGACAGACACGAAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_182511 unedited
 GCGGTCACATGGCATGCCACCCGGTTATCTGTTGCAGGCAAACAGCTATGACCGCGGCC
 GCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTCCAACTCAAACCCATTTATTCTGAA
 TCTTAAATTATGACTTTTATCATCAATATTTGGTTACATTGTTACACAAAGAACAATT
 AACATCTGGTTTGAGGTCTCCTTTTTGATTGCTTTGGGATTAGTGACATTTCTTGGCAT
 ATGCATTACACACCCATCAACTCTCAGCTGTGTCTTAATAATGTTGTACGACATGCCAAA
 ACAAGAAGGATTGTAAACAGTGCTCCTGGGTACCTCCACCAATATCTTTAACACAGTG
 ACTTTTCAGGTGGCTTCTCGCCAGGTGCATGCAGGAGAGTGTCAATGCATCCCTTTCTGG
 GCAGATCAAAAGAGGATCCGGAGGAAGACGAGCTGGTCTGTTGGCTTTGAAGCACCTGAT
 CACTGAGCGCTCACTCAGAGGTGGATCCAAATAAATTAATCACCCACAGAGAACTCACA
 GCACACGTGGCAAAAACATACTATGTTTAGGGGACTTGGTCATTACAGCTTCCATTACCA
 TCTTATGTGATTCAAGACCACTCAGGAACACCAGGTTCTTAAAGGATTCTGAAGTATAAA
 TTAATAAAAAAATGCAGGTTGCTATTAATAGTTCCAAAGGTGCATCTTAAATCTCTTTGA
 GAGATAAGCAGATTGTCCATTGGGTTACTTTTACTTTGACAAACAGAACTTTTGTGTTAG
 TTTGGTCTCGTCTAAACAAACATAAGGTATTTTAGAGTTTGTGTTGGGTTGGCCCTATG
 CAGGAATTCTATATTTTCTCGTCTCACCACA

Restriction Sites:

NotI-NotI

ACCN:

NM_182511

Insert Size:

2500 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:	<u>NM_182511.2, NP_872317.1</u>
RefSeq Size:	2750 bp
RefSeq ORF:	675 bp
Locus ID:	147381
UniProt ID:	<u>Q8IUUK8</u>
Cytogenetics:	18q22.3
Gene Summary:	May play role in synaptogenesis induction.[UniProtKB/Swiss-Prot Function]