

Product datasheet for **SC120382**

CBLN4 (NM_080617) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CBLN4 (NM_080617) Human Untagged Clone
Tag:	Tag Free
Symbol:	CBLN4
Synonyms:	CBLNL1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120382 sequence for NM_080617 edited (data generated by NextGen Sequencing)

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ATGGGCTCCGGGCGCCGGGCGCTGTCCGCGGTGCCGGCCGTGCTGCTGGTCCCTCACGCTG
CCGGGGCTGCCCGTCTGGGCACAGAACGACACGAGCCCATCGTGCTGGAGGGCAAGTGT
CTGGTGGTGTGCGACTCGAACCCGGCCACGACTCCAAGGGCTCCTCTTCCCTCCCGCTG
GGGATATCGGTCCGGGCGGCCAACTCCAAGGTCGCCTTCTCGGCGGTGCGGAGCACCAAC
CACGAGCCATCCGAGATGAGCAACAAGACGCGCATCATTTACTTCGATCAGATCCTGGTG
AATGTGGGTAATTTTTTTCACATTGGAGTCTGTCTTTGTAGACCAAGAAAAGGAATTTAC
AGTTTCAGTTTTTCACGTGATTAAGTCTACCAGAGCCAACTATCCAGGTTAACTTGATG
TTAAATGAAAAACAGTAATATCTGCCTTTGCGGGGGACAAAGATGTTACTCGTGAAGCT
GCCACGAATGGTGTCTGCTCTACCTAGATAAAGAGGATAAGGTTTACCTAAAAGTGGAG
AAAGGTAATTTGGTTGGAGGCTGGCAGTATTCCACGTTTTCTGGCTTTCTGGTGTCCCC
CTATAG
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Clone variation with respect to NM_080617.4



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_080617 unedited TTTTGTAATACGACTCACTATAGGGGCGGCCGGAATTCGCACGAGGAGGAGCGGACGCG GGCGAGCACCAGCGCCAGCCGGCTGCGGCTGCCACACGGCTCACCATGGGCTCCGGGCG CCGGGCGCTGTCCGCGGTGCCGGCCGTGCTGCTGGTCCTCACGCTGCCGGGGCTGCCCGT CTGGGCACAGAACGACACGGAGCCCATCGTGTGGAGGGCAAGTGTCTGGTGGTGTGCGA CTCGAACC CGCCACGGACTCCAAGGGCTCCTCTTCTCCCGCTGGGGATATCGGTCCG GGCGGCCAACTCCAAGGTCCGCTTCTCGGCGGTGCGGAGCACCAACCACGAGCCATCCGA GATGAGCAACAAGACGCGCATCTTTACTTCGATCAGATCCTGGTGAATGTGGTAATTT TTTCACATTGGAGTCTGTCTTTGTAGCACCAAGAAAAGGAATTTACAGTTTCAGTTTTC CGTGATTAAGTCTACCAGAGCCAACTATCCAGGTAACTTGATGTTAAATGGAAAACC AGTAATATCTGCCTTTGCGGGGACAAAGATGTTACTCGTGAAGCTGCCACGAATGGTGT CCTGCTTACCTAGATAAAGAGGATAAGGTTTACCTAAAAGTGGAGAAAGTAATTTGGT TGGAGGCTGGCAGTATTCCACGTTTTCTGGCTTCTGGGTGTCCCCTATAGGATTCAAT TTCTCCATGATGTTCCATCCAGGTGAGGGATGACCCACTCTGAGTTATTGGAAGATCATT NTTTCATCATTGGATTGATGTCTTTNATTGGTTTCTCATGGGTGGATATGGATNCTAAGG ATTCTAGCCTGTCTGAACCAATACANAATTCACAGATTATT
Restriction Sites:	NotI-NotI
ACCN:	NM_080617
Insert Size:	2900 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:	<ol style="list-style-type: none"> 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_080617.4 , NP_542184.1
RefSeq Size:	2573 bp
RefSeq ORF:	606 bp
Locus ID:	140689
UniProt ID:	Q9NTU7
Cytogenetics:	20q13.2
Domains:	C1Q
Protein Families:	Secreted Protein

Gene Summary:

This gene encodes a member of a family of small secreted proteins containing C1Q domains. Members of this family are involved in regulation of neurexin signalling during synapse development. The mouse homolog of the protein encoded by this gene competes with netrin to bind to the deleted in colorectal cancer receptor. [provided by RefSeq, Aug 2012]