

## Product datasheet for **SC310803**

### **CBLN3 (NM\_001039771) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CBLN3 (NM_001039771) Human Untagged Clone
Tag:	Tag Free
Symbol:	CBLN3
Synonyms:	PRO1486
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310803 representing NM_001039771. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**  
 ATGTTGGGAGCCAAGCCACACTGGCTACCAGTCCCCTACACAGTCCCGGGCTGCCCTTGTTCTGGTG  
 CTTCTGGCCCTGGGGGCCGGTGGGCCAGGAGGGGTGAGAGCCCGTCTGCTGGAGGGGAGTGCTG  
 GTGGTCTGTGAGCTGGCCGAGCTGCTGCAGGGGGGCCGGGGGAGCAGCCCTGGAGAGGCACCCCT  
 GGGCGAGTGGCATTGCTGCGGTCCGAAGCCACCACCATGAGCCAGCAGGGGAAACCGCAATGGCACC  
 AGTGGGGCCATCTACTTCGACCAGTCTGGTGAACGAGGGCGGTGGCTTTGACCGGGCCTCTGGCTCC  
 TTCGTAGCCCCTGTCCGGGTGTCTACAGCTTCCGTTCCATGTGGTGAAGGTGTACAACCGCCAACT  
 GTCCAGGTGAGCCTGATGCTGAACACGTGGCCTGTATCTCAGCCTTTGCCAATGATCCTGACGTGACC  
 CGGGAGGCAGCCACCAGCTCTGTGCTACTGCCCTTGGACCCTGGGGACCGAGTGTCTCTGCGCCTGCGT  
 CGGGGGAATCTACTGGTGGTTGAAATACTCAAGTTTCTCTGGCTTCTCATCTTCCCTCTCTGA  
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001039771
Insert Size:	618 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).


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<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001039771.2</a></u>
<b>RefSeq Size:</b>	2360 bp
<b>RefSeq ORF:</b>	618 bp
<b>Locus ID:</b>	643866
<b>UniProt ID:</b>	<u><a href="#">Q6UW01</a></u>
<b>Cytogenetics:</b>	14q12
<b>Protein Families:</b>	Secreted Protein
<b>MW:</b>	21.5 kDa
<b>Gene Summary:</b>	Members of the precerebellin family, such as CBLN3, contain a cerebellin motif (see CBLN1; MIM 600432) and a C-terminal C1q signature domain (see MIM 120550) that mediates trimeric assembly of atypical collagen complexes. However, precerebellins do not contain a collagen motif, suggesting that they are not conventional components of the extracellular matrix (Pang et al., 2000 [PubMed 10964938]).[supplied by OMIM, Aug 2009]