

## Product datasheet for **SC208413**

### Occludin (OCLN) (NM\_002538) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Occludin (OCLN) (NM_002538) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	OCLN
Synonyms:	BLCPMG; PPP1R115; PTORCH1
ACCN:	NM_002538
Insert Size:	2000 bp



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**Insert Sequence:** >SC208413 3'UTR clone of NM\_002538  
 The sequence shown below is from the reference sequence of NM\_002538. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTTGGAGACTATGATAGACAGAAAACATAGAAGGCTGATGCCAAGTTGTTTGAGAAATTAAGTATCTGA
CATCTCTGCAATCTTCTCAGAAGCAAATGACTTTGGACCATAACCCCGAAGCCAAACCTCTGTGAGC
ATCACAAAGTTTTGGTTGCTTTAACATCATCAGTATTGAAGCATTTTATAAATCGCTTTTGATAATCAA
CTGGGCTGAACACTCCAATTAAGGATTTTATGCTTTAACATTGGTTCTTGTATTAAGAATGAAACT
GTTTGAGGTTTTAAGCCTTAAGGAAGGTTCTGGTGTGAACTAACTTTCACACCCAGACGATGTCT
TCATACCTACATGATTTTGTTCATAGGTGATCTCATTTAATCCTCTCAACCACCTTTCAGATACTG
TTATTTATAATCACTTTTTCCACATAAGGAACTGGGTTCTGCAATGAAGTCTCTGAAGTGAAGCTG
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TTCATATTTAGCTACTATATATGTGATGATCTACCAGCCTCCCTATTTTTTTCTGTTATATAAATGG
TTAAAAGAGGTTTTTCTTAAATAATAAAGATCATGTAAGTAACAAATGTGTGAAATTTAAGATTGT
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CTTTTTATCTTTTGCATGCCTTTTTAAAAACCAACTAGAACTTTTCATTATATCAGAATATCTGAT
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CAATGGAAAACCACTCAGGAGTTGTATCTGTTGTTTATACTCCTTTGGATGCTGTGCTGGTTAG
TCGTTTTCCATTCTTTGGCTGAAGAATGCTGATATGCTGGGAATAGAATGCTATACCACGAAATAC
CAAATAATTTCAAATGGTGCCCTTAAATTGTATCACTTTTTTAAAAAATTCAGATTCTTATTAGTAAAT
TAGTTGATAGCACTGTGCTGACCAAGTTGATTGTGATCATCCAGCTTAGACTTTTCTAAAAACTTTTT
TTTAGAATAATCTATAAACTGAAGTTTAGTATGCATTTTACAGATATTTAGGTATATAATTTTTTTTTT
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ACCTCCCGGTTCAAGCAATTCTCTGCCTCAGCCTCTCGAGTAGTTGAGACTACAGGTGCCATCACC
ATGCGTGGCTAATTTTTGTATTTTTAATAGAGACGGGGTTTTACCATAGTGGCCAGGTTGGTCTTGAA
TCCTGACCTGTGGTCTGCCTCGGCTCCCAAAGTGTGGGATTACAGGCGTGAGCCACCATGCC
TGGCCTAAGTGTGTGTGTGTGTGTGTGTGTATTTTTTTTTTTTTTTTTTTGAGATGGAGTTTGTCT
TTGTTGAACAGGCTGGAGTGCAATGTGCGGATCTCAGCTCACCACAACCTCCGCCTCCAGGTTCAAAC
AATTCTCCTGCCTCGGCCTCCCGAGTAGCTGGGATTACAGGCATGCGCCACCACCTGGCTAATTTTT
TTTTGTATTTTTAGTAGAGATGGGTTTCTCCATGTTGGTCAGGCTGGTCTCGAACTCCTGACCTCAG
GTGATCCATCCACCTCGGCTCCCAAAGTGTGGGATTAGAGGCGTGAGCCACTGTGCCCGCCTATAA
TTTTTGATAGATGATTTGAATTATTTCCAGAGATAAAATTTTAAATGTTTCCATTATATCACTGAT
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_002538.4](#)

**Summary:** This gene encodes an integral membrane protein that is required for cytokine-induced regulation of the tight junction paracellular permeability barrier. Mutations in this gene are thought to be a cause of band-like calcification with simplified gyration and polymicrogyria (BLC-PMG), an autosomal recessive neurologic disorder that is also known as pseudo-TORCH syndrome. Alternative splicing results in multiple transcript variants. A related pseudogene is present 1.5 Mb downstream on the q arm of chromosome 5. [provided by RefSeq, Apr 2011]

**Locus ID:** 100506658

**MW:** 77