

## Product datasheet for **SC216683**

### Ubiquilin (UBQLN1) (NM\_013438) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Ubiquilin (UBQLN1) (NM_013438) Human 3' UTR Clone
Symbol:	Ubiquilin
Synonyms:	DA41; DSK2; PLIC-1; UBQN; XDRP1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_013438
Insert Size:	1849 bp



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**Insert Sequence:** >SC216683 3'UTR clone of NM\_013438  
 The sequence shown below is from the reference sequence of NM\_013438. 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
GAAAGGTTACTGGGCTCCAGCCATCATAGCAGCATTCTGTATCTTGAAAAATGTAATTTATTTTTG
ATAACGGCTCTTAACTTTAAAAACCTGCTTTATTTTCTTTTACTCTTGGAATTCTGTGCTGTTATA
AACAAACCAATATGATGCATTTAAGGTGGAGTACAGTAAGATGTGTGGGTTTTCTGTATTTTTCTT
TTCTGGAACAGTGGGAATTAAGGCTACTGCATGCATCCTTCTGCATTTATTGTAATTTTTTAAAAACA
TCACCTTTTATAGTTGGGTGACCAGATTTTGCCTGCATCTGTCCAGTTTATTGCTTTTTAAACATTA
GCCTATGGTAGTAATTTATGTAGAATAAAAGCATTAAAAAGAAGCAAATCATTGCACTCTATAATTTG
TGGTACAGTATTGCTTATTGTGACTTTGGCATGCATTTTTGCAACAATGCTGTAAGATTATACTACT
GATAATTTTGTGTTTTATTGTATACAATATAGAGTATGCACATTTGGGACTGCATTTCTGGAACATACT
GCAATAGGCTCTCTGAGCAAAACACCTGTAACATAAAAAAGTGAAGATAAGAAAATACTCTTAAAGCTGA
GTATTTCCTAATTGTATAGAATCTTACAGCATCTTTGACAACATCTCCAGCAAAAAGTGCCGGTTAGT
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CACATAATGTAACATTGTCTCAACATTCATTACAGATTGACTGTAAATTACCTTAATCTTTGTGCAGA
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AAATTTAAAATGAGTTGTGAGCCAATTGTTTCTGAAGTGTGTTGGTAGTTCTATTAAGAAATAGTTAAA
TATTGTGCTTTTTCAGAGCCTCAGAGAAAGGGGACGGGGTGGGGGGTGGGGCAGCGGAATCTGTCTG
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TTTAGGACCAATTAACATAATTGAGGGTCAGTATACATTTGGCTGACTCTGGTTCAGTATTCTCTT
AGGTGATTATATTCTCATGTACAGTTACAGGAAATTAATGTTAAAGTAACTAAAAATGAATTCAG
ACCAATAAAATCAAGGAAATACAAGTTGATTGCATTACTCTGTATGTTGCTTGTATTAAGAAAGTT
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TTATGCCTCAGTTTGGTTAAAAACTTCTGTACTGGCAAATGGTGGTATTCAAGTGTGGGATAGTGCAT
AACTAATTTGACAATTTATTAATCATAAAATAACAATAAATCTCTAGCTTTTACA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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\\_013438.5](#)

**Summary:**

This gene encodes an ubiquitin-like protein (ubiquilin) that shares a high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain an N-terminal ubiquitin-like domain and a C-terminal ubiquitin-associated domain. They physically associate with both proteasomes and ubiquitin ligases, and thus are thought to functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. This ubiquilin has also been shown to modulate accumulation of presenilin proteins, and it is found in lesions associated with Alzheimer's and Parkinson's disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:**

29979

**MW:**

71.1