

## Product datasheet for **SC216727**

### **CANT1 (NM\_001159773) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	CANT1 (NM_001159773) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CANT1
Synonyms:	DBQD; DBQD1; EDM7; SCAN-1; SCAN1; SHAPY
ACCN:	NM_001159773
Insert Size:	1864 bp



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**Insert Sequence:** >SC216727 3'UTR clone of NM\_001159773  
 The sequence shown below is from the reference sequence of NM\_001159773. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
GTGAAATACGAAGGCATCGAGTTCATTAACTCAAAACGGAAACACTGAGCAAGGCCATCAGGACTCAG
CTTTTATAAAAAAAGAGGAGTGCACCTTTTGTGGTTTGTCTTTTGGAACTGTGCCTGGGTGGA
GGTCTGGACAGGGAGCCAGTCCCGGGCCCATAGTGGTGCGGGCACTGGACCCCGGGCCACGGAG
GCCCGGTCTGAACTGCTTCCATGCTGCCATCTGGTGGTATTTCGGTCACTTCAGGCATTGACTCAA
GGCCTGCCTAACTGGCTGGTTCGTTTCTCCATCCGACCTCGTTTCTTTCTTCCCTATGTTCTTTGT
TCAGTGAATATCCCTAGAGCTCCTACCATATGTCAGGCCCTATGCCTCACCTGAGAACGCAGTGAGCA
TGAGGTGGACCTGTTTGTGGAAACCCAGGTCACCCCTTTTCTTCTACTCTGTGCCTGGAGCATCA
TGTCACCCCTGCAGATCCTTGGAAAAGAAAATGTTTATGTTGCAGGGATTGCATGGTCACGAGTGAG
GGCAGGCCCTGGGACACATCTGCCACAGCTGCACAGGCCAGGGCGCAGGCACATCTGTTGGTTCTC
AGGCCTCAGATAAAACCATCTCCGCATCATATGGCCAGTGACCGCTTCTCCCTCAAGAAAATTCTGT
GGCTGTGCAGTACTTTGAAGTTTAAATTATTAACCTGCTTAAATTAAAGCAGTTTCTTTCTTATAAAG
TGGAATCACCAAATCTTATCACACAGAGCACAGTCTGTAGTTACCCAGCCCGCTCCAGCAGTGCGGGA
GATTGTAAGGAAGCGGTGGCGGCTGGTGAAGCAAGTCTCACATGTCGGCGTCTTGCCCAATGGATAA
AAGATAAAGAAAATGTTGCCTTTTCTAGGAAGTGTGAGAAATCCTCATGCCTTCAAGACTTCTGTGA
ATGACTTGAATTTTTTATCCCTGCCTAGGGTCTGTGAACGAGGCCTGTCTTCCCTGGGGTTTCTTT
CCATGGCCTTTATTTCTCCTCTCCAGTGGGAGTTTTGCAGGCTTCTCTGTGGAAACTTCACGAGCG
TTGGCTGGGCCTCGGCTTCGCTGGAGTGTACTCCAGGGTGAAGGCAGAGTGGGATTTGAGACCCAGGTT
AGGCACAGCCAGGCTGAGAAGGACGTTTTCCATCATTACAGTGCCCTCCACAGCACTACCTCACC
CCGACCCACCCCTCACTCCTACCCACCCCGCATCGTCAGGGGTGCCACGGTGGGCCGGAGGGTGCC
GGCTCTGGCTGTCCCTGTGCCGGTCCCTCACAAACCTCTCCCTTTGAAACTCAAGCACAGCTGCGAG
GAGGGCAGCGAGGAGGGACCCCTCTCTCATGGTGTCTCTTTCCCGCTATGTCATAGGTAGTGGAGG
AAGCGAAGGAAGTGAACGCTGAATGTGACGCAATTTCTGAAGAGCTCAGCTGTACCGGCATAGCCTGG
AAGCCCAAGTCTGTTCTGACTTTGCCCTGGCTGTCTCCTTGACCCGCTCCTAGATCATTGTCCTTGAT
GTCCAGGCTGGGTCATTTAAAATAGAGATGCAATCAGGAAGGTTGGGGGACTTGGGACTGTGGCTGAAT
TGAGACCTTGCTGATGTATTCATGTGACACCTGAGTCACAGCCAGGTGCCCGAAGCAGCCTCTTCG
CATAGGCAAGTATTTGCGATTACTTTAAAGCTCACCTTTTTTCTTCCCTCTCTGTTTCGCTGTGTCAG
CATAATGATTGTGTTCCCTATGGGATCCATCTGTTTTGTAACAATAAAGCGTCTGAGGGAGTGTA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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\\_001159773.2](#)

**Summary:** This protein encoded by this gene belongs to the apyrase family. It functions as a calcium-dependent nucleotidase with a preference for UDP. Mutations in this gene are associated with Desbuquois dysplasia with hand anomalies. Alternatively spliced transcript variants have been noted for this gene.[provided by RefSeq, Mar 2010]

**Locus ID:** 124583

**MW:** 68.9