

Product datasheet for **SC216728**

CANT1 (NM_138793) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CANT1 (NM_138793) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CANT1
Synonyms:	DBQD; DBQD1; EDM7; SCAN-1; SCAN1; SHAPY
ACCN:	NM_138793
Insert Size:	1864 bp



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Insert Sequence: >SC216728 3'UTR clone of NM_138793
 The sequence shown below is from the reference sequence of NM_138793. 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
GGCCTGCCTAACTGGCTGGTTCGTTTCTCCATCCGACCTCGTTTCTTTCTTCTCCTATGTTCTTTGT
TCAGTGAATATCCCTAGAGCTCCTACCATATGTCAGGCCCTATGCCTCACCTGAGAACGCAGTGAGCA
TGAGGTGGACCTGTTTGTGGAAACCCAGGTCACCCCTTTTCTTCTACTCTGTGCCTGGAGCATCA
TGTCACCCCTGCAGATCCTTGGAAAAGAAAATGTTTATGTTGCAGGGATTGCATGGTCACGAGTGAG
GGCAGGCCCTGGGGACACATCTGCCACAGCTGCACAGGCCAGGGCGCAGGCACATCTGTTGGTTCTC
AGGCCTCAGATAAAACCATCTCCGCATCATATGGCCAGTGACCGCTTCTCCCTCAAGAAAATTCTGT
GGCTGTGCAGTACTTTGAAGTTTAAATTATTAACCTGCTTAAATTAAGCAGTTTCTTTCTTATAAAG
TGGAATCACCAAATCTTATCACACAGAGCACAGTCTGTAGTTACCCAGCCCGCTCCAGCAGTGCGGGA
GATTGTAAGGAAGCGGTGGCGGCTGGTGAAGCAAGTCTCACATGTCGGCGTCTTGCCCAATGGATACA
AAGATAAAGAAAATGTTGCCTTTTCTAGGAACTGTGAGAAATCCTCATGCCTTCAAGACTTCTGTGA
ATGACTTGAATTTTTTATCCCTGCCTAGGGTCTGTGAACGAGGCCTGTCTTCCCTGGGGTTTTCTT
CCATGGCCTTTATTTCTCCTCTCCAGTGGGAGTTTTGCAGGCTTCTCTGTGGAAACTTCACGAGCG
TTGGCTGGGCCTCGGCTTCGCTGGAGTACTCCAGGGTGAAGGCAGAGTGGGATTTGAGACCCAGGTT
AGGCACAGCCAGGCTGAGAAGGACGTTTTCCATCATTACAGTGCCCTCCACAGCACTACCTCACC
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GGCTCTGGCTGTCCCTGTGCCGGTCCCTCACAACCTCTCCCTTTGAAACTCAAGCACAGCTGCGAG
GAGGGCAGCGAGGAGGGACCCCTCTCATGGTGTCTCTTCCCGCTATGTCATAGGTAGTGGAGG
AAGCGAAGGAAGTGAACGCTGAATGTGACGCAATTTCTGAAGAGCTCAGCTGTACCGGCATAGCCTGG
AAGCCCAAGTCTGTTTACTGCTTGGCTGTCTCCTTGACCCGCTCCTAGATCATTGCTCCTGAT
GTCCAGGCTGGGTCATTTAAAATAGAGATGCAATCAGGAAGGTTGGGGGACTTGGGACTGTGGCTGAAT
TGAGACCTTGCTGATGATTCATGTCAGCACCTGAGTCACAGCCAGGTGCCCGGAAGCAGCCTCTTCG
CATAGGCAAGTATTTGCGATTACTTTAAAGCTCACCTTTTTTCTTCCCTCTCTGTTTCGCTGTGTCAG
CATAATGATTGTGTTCCCTATGGGATCCATCTGTTTTGTAACAATAAAGCGTCTGAGGGAGTGTA
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_138793.4](#)

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