

Product datasheet for MC201456

Cant1 (NM_029502) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cant1 (NM_029502) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cant1
Synonyms:	5830420C20Rik; Apy; Apy1h; D11Bwg0554e; Entpd8; SCA; SCAN-1; Sh; Shapy
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC020003 sequence for NM_029502 GAGAGACAGGTCATCTTGGCTGTAGTTCTTGGCTGTAGGGTGCTGTACAGACCCAAGGGTGCCCATGGAG GTCCTGTCCAGAGTGCAGTCTGATGCCCATCCAGCCCTTTGACCAGCGGGAATGGAATGAGCCTATGCAT TCCTCCGGATCAGTGTAGGGGGCTTCTGTGCTGGCATCCATGACCAAGGCCACGGACCTCGCTTCC GCCCCCGTGGCGGGTGTCTCACGTCTTTGTGGGTGCTGCCCTCTGGCTGCTGTACTCCCACCA TCAGGGCCAGTGCCAGGCAGGCCCCACCCACAATGCGCACAATTGGAGGCTCAGCCAGCAGCGCATC TCTATTACAACGACACCTACCCCTCTCCCCCACAGAGGACTCCAGGTGGGATTCGGTACCGAATCG CAGTCATTGCTGACTTGGACACGGGGTCCAGGGCCAGGAAGAAAACACTTGGTTTAGCTACCTTAAGAA AGGCTACCTGACCCTGTCCGACAGCGGGGACAGGGTCAGCGTGGAGTGGGATAAAGACCAGGGGTCTA GAGTCCCACCTGGCAGAAAAGGGCGGGGCATGGAGCTCTCAGACCTGATTGTCTTCAATGGGAACTCT ACTCCGTGGATGACCGCACAGGGGTCTATACCAGATCGAAGGCACCAAAGCAGTGCCCTGGGTGATCCT TTCTGATGGCGATGGAAGTGTGGAGAAGGGTTTCAAAGCTGAATGGCTTGTGTGAAGGACGAACACCTG TATGTGGGCGGCCTGGGCAAGGAGTGGACCACCACGACAGGGGAGGTGATGAACGAGAACCCTGAGTGGG TGAAGGTGGTAGGCCACAGGGGAGTGTGGACCACGAGAACTGGGTGTCCAGCTACAACGCCCTGAGAGC AGCCGCGGGATCCGACCACCAGGCTACCTCATTACAGTCCGCTGTGGAGCGACACTGCAGCGC TGGTTCTTCTGCCTCGTCGGCTAGCCACGAACGCTACAGCGAGAAGGACGATGAACGCAAGGGCAGCA ACCTCTGCTGAGCGCAGCCAGGACTTCAGGGACATCTCTGTGAGGCAAGTGGGACTCTGATCCCCAC CCACGGCTTCTCATCCTTCAAGTTCATCCCAACACGGATGACCAGATCATTGTGGCTCTCAAGTCGGAA GAGGACAATGGCAGAATCGCCACCTATGTCATGGCCTTACGCTGGACGGCCGCTTCTGCTTCCAGAGA CCAAGATCGGCACTGTGAAGTACGAAGGAATAGAGTTCATCTAGATGAGTAAGCTCGCACGCCAGAGGG GCGAGGGCCAGCGCTGTGTTACACCAGGACTCATAAAAACCGGGAGCGCCTCCAAAAAAAAAAAAAAAAAAAA AAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_029502
Insert Size:	1212 bp



[View online »](#)

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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	BC020003 , AAH20003
RefSeq Size:	1406 bp
RefSeq ORF:	1212 bp
Locus ID:	76025
UniProt ID:	Q8VCF1
Cytogenetics:	11 83.15 cM
Gene Summary:	<p>The protein encoded by this gene is a calcium-dependent nucleotidase that preferentially hydrolyzes UDP, GDP, and IDP. The encoded protein has low activity with ADP and ATP and shows no activity with AMP and GMP. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jun 2012]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes isoform a. Variants 1, 2, 3, and 4 all encode the same isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>