

Product datasheet for RN205012

Cth (NM_017074) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cth (NM_017074) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cth
Synonyms:	H
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205012 representing NM_017074 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCAGAAGGACGCTCCTCCAGCGGCTTCTGCCAGCTTCCAGCACTTGGCCACTCAGGCCATCCAG
TGGGACCAGAGCCGGAGCAATGGAGTTCGCGTGTGTGGTGTGCCATTCGCTGGCCACCACGTTCAA
ACAGGACTCTCCAGGCCAGTCTCGGGTTTTGTATACAGCCGCTCTGAAATCCGACGAGGAATTGCTTG
GAAAAAGCAGTGGCTGCACTGGATGGGGCAAAGCACTGTTTGACCTTCGCTCGGGGCCTTGCCGCCACCA
CAACGATTACCCATCTTTTAAAAGCAGGAGATGAAGTCATTTGCATGGATGAAGTGTATGGAGGCCACCA
CAGGTACTTCAGGAGGGTGGCATCCGAGTTGGACTGAAGATTTCTTTGTGGATTGTTCCAAAACCAAA
TTGCTGGAGGCAGCGATCACACCACAGACCAAGCTTGTGGATTGAAACACCCACAAACCAACCTTGA
AGTTGGCCGACATCAAAGCCTGCGCACAAATTGCCACAAACACAAAGACATCATTCTGGTTGTAGATA
CACTTTCATGTCTGCATATTTCCAGAGACCTTTGGCTCTGGGTGCTGATTTTGTATGTGTTCTGCCACA
AAATACATGAACGGCCACAGTGATGTTGTCATGGGCTTAGTGTCTGTTACTTCCGATGACCTCAACGAAC
GGCTTCGTTTCTCAGAATTCTCTCGGGCAGTTCCTTCTCATTTCGATTGTTACTCTGCTGCCGAGG
CCTGAAGACACTGCAGATCCGGATGGAGAAACTTCAGGAATGGGATGGCAGTGGCCCGTTTCCTGGAG
TCTAATCCCCGGGTAGAAAAGGTTATTTATCCTGGGCTACCGTCTCACCTCAGCATGAGCTCGCCAAAC
GTCAGTGCACGGGCTGCCCGGGATGGTCAGTTTCTATATCAAGGGTACTCTGCAGCATGCTCAGGTCTT
CCTCAAAAATATAAAGCTGTTTGTCTGGCTGAGAGCCTGGGAGGATATGAGAGTCTGGCTGAGCTTCCA
GCAATCATGACCCATGCCTCCGTGCCTGAGAAGGACAGAGCTACCCTCGGGATCAGTGACACACTGATCC
GACTTTCTGTGGCCTAGAGGATGAAAAGGACCTTCTCGAAGACCTGGTCAAGCTTTAAAGGCAGCGCA
CCCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_017074
Insert Size:	1197 bp
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:	<u>NM_017074.1</u> , <u>NP_058770.1</u>
RefSeq Size:	1743 bp
RefSeq ORF:	1197 bp
Locus ID:	24962
UniProt ID:	<u>P18757</u>
Cytogenetics:	2q45
Gene Summary:	putative cystathionine gamma-lyase enzyme [RGD, Feb 2006]