

Product datasheet for **SC206158**

Cystathionase (CTH) (NM_001902) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Cystathionase (CTH) (NM_001902) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CTH
ACCN: NM_001902
Insert Size: 754 bp
Insert Sequence: >SC206158 3'UTR clone of NM_001902

The sequence shown below is from the reference sequence of NM_001902. 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
GCACACCTCCAAGTGAAGTACAGCTAGTATTCCAGAGCTGCTATTAGAAGCTGCTTCCTGTGAAGA
TCAAATCTTCTGAGTAATTAATGGACCAACAATGAGCCTTTGCAAAATTTTCAAGCGGAAATTTTAA
GGCACCTCATTATCTTTCATAACTGTAATTTCTTAGGGATCATCTCTGTTAAAAAGTTTTCTGTATGT
CATGTTATAATTACAGGTCAATTCTGTTAATATCTTTTTGTTAATTTTGCTCTATGTTTGCCTCTGAAG
GAGGTGAGATTTGTGCTACTTTGGGAGATTATGTTCTTTTTTCATGTCTAAGATTTATTTTGATCATGT
TTATAATATAATGGTAATTCATTTTTGATGTTTTGTGAAGAAATTTAAATTTAAACGAATGTTCTTAAAT
CAAGTGTGATTTTTTGCATATCATTGAAAAGAACATTAAGCAATGGTTTACACTTAGTTACCATAA
GCCGAAAATCAAATACTTGAAGTTTACTGTGAAATTTACTGATTTAAGACTATACTTAATATTTTT
AAAAAATAAATCAGCTGGGCGCGGTGGCTCACGCATGTAATGCCAGCACTTTTGGAGGATAAGGCGGG
CGGATCACGAGGTCAGGAGATTGAGACCATCCTGGCTAGCGCAGTGAACCCCATCTCTACTAAAAAT
GCAAAAAAATTAGACGGACGTGGTGGCGGGTGCCTGTAGTCCCAGCTACTTGGGAGGCTGAGG
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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.



[View online >](#)

RefSeq: [NM_001902.6](#)

Summary: This gene encodes a cytoplasmic enzyme in the trans-sulfuration pathway that converts cystathione derived from methionine into cysteine. Glutathione synthesis in the liver is dependent upon the availability of cysteine. Mutations in this gene cause cystathioninuria. Alternative splicing of this gene results in three transcript variants encoding different isoforms. [provided by RefSeq, Jun 2010]

Locus ID: 1491

MW: 28.9