

Product datasheet for **SC205244**

Cathepsin H (CTSH) (NM_004390) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cathepsin H (CTSH) (NM_004390) Human 3' UTR Clone
Symbol:	Cathepsin H
Synonyms:	ACC-4; ACC-5; ACC4; ACC5; CPSB
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004390
Insert Size:	1102 bp
Insert Sequence:	>SC205244 3'UTR clone of NM_004390 The sequence shown below is from the reference sequence of NM_004390. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
TGCGCCTCTACCCATCCCTCTGGTGTGAGCCGTGGCAGCCGCGCAGACTGGCGGAGAAGGAGAG
GAACGGGCAGCCTGGGCTGGGTGGAAATCCTGCCCTGGAGGAAGTTGTGGGAGATCCACTGGGACCC
CCAACATTCTGCCCTCACCTCTGTGCCAGCCTGGAACCTACAGACAAGGAGGAGTTCCACCATGAGC
TACCCCGTGTCTATGACGCAAAGATCACCAGCCATGTGCCTTAGTGTCTTAAACAGACTCAAACCA
CATGGACCACGAATATTCTTTCTGTCCAGAAGGGCTACTTCCACATATAGAGCTCCAGGGACTGTCTT
TTCTGTATTGCTGTTCATAAACATTGAGTGAGCACCTCCCCAGATGGAGCATGCTGGTCTGGGCCA
TGACTCAAACCAGGTCTGTCTCGCCACTCAGTCTCCAGGAGGGAGGCATCAGGGGGTGTCCAGGCTC
TGGCTGGGAGGATGGTGGGGGTGCTGGCGGTATTATCCACCAGATGGGGTATCCAGGATGAAGAGCAGG
CTTAATTTGAGATCTTGACTATTTGTCCAAACCTGAGTGGAGAGGTGGGAGGAAGGAGAAAAACGGG
CCAAGCTGCGGCAGAGGCAGGATTCAAACCCACAATGTCAGCCGAGAAGCCTGTACTTCTGTGTGGC
CTCCCCAGTCTCAGCTGCCTACTCCTACTCAGACTCTGCCCCCACCCTCCACATGAGACTGCCACCCC
TTCCTCACCAACCCCTTATTTATTTCAAACGTGCCAGATGCTCCTGTCTTTCCACACCATCCCTTCC
CTTATCTTGCCTTTTGAGAAATCTTGATCTCTGTTTAGAGGGCGGCCATGAAGTTGCTGCTTCTCTG
AAGCCTCCGGGCTCTGGGATGTCTGTAGAACAAGCTGGAGTCCACCAGCTCTTTGCTCTATGGCTCACA
GACTTTCTTAATGATAAAAGCTGTCTATTTATTTGGGCTTCTGAAAAGCTAAAGGCTTGAGAATATTT
GAAAAATATATGTTTCATGATAAGGCTTATTTAGATAATGCAAATATAGTTTATTTATTAGAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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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_004390.5
Summary:	The protein encoded by this gene is a lysosomal cysteine proteinase important in the overall degradation of lysosomal proteins. It is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. The encoded protein, which belongs to the peptidase C1 protein family, can act both as an aminopeptidase and as an endopeptidase. Increased expression of this gene has been correlated with malignant progression of prostate tumors. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]
Locus ID:	1512
MW:	40.8