

Product datasheet for **SC203833**

Cathepsin V (CTSV) (NM_001333) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cathepsin V (CTSV) (NM_001333) Human 3' UTR Clone
Symbol:	Cathepsin V
Synonyms:	CATL2; CTSL2; CTSU
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001333
Insert Size:	2000 bp



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Insert Sequence: >SC203833 3'UTR clone of NM_001333
 The sequence shown below is from the reference sequence of NM_001333. 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
GCCACAGCAGCCAGCTACCCCAATGTGTGAGCTGATGGATGGTGAGGAGGAAGGACTTAAGGACAGCAT
GTCTGGGGAAATTTTATCTTGAAACTGACCAAACGCTTATTGTGTAAGATAAACAGTTGAATCATTGA
GGATCCAAGTTGAGATTTTAATTCTGTGACATTTTACAAGGTAATAATGTTACCACTACTTTAATTAT
TGTTATACACAGCTTTATGATATCAAAGACTCATTGCTTAATTCTAAGACTTTTGAATTTTCATTTTTT
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TCAGCTGCCCAGTTACTGTGTGTTACCCAACCTCTGAATCTACCAAAATTTGATAAAACAATTTGGAAGG
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AGTGTGATCTCAGCTCACTGCAACCTCTGCCTCCCGGGTTAAGCAATTCTCTGCCTCAGCTCCCGAG
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CAGGCTAAAGGAGAGCCCTGTGTGTGTTTTAAAAGCCCATGTTTCCAGTCAAATAAAAAATTACCGGG
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TCAGTCTTGAGTTTTCTCTGAGAAAGGATTCTTCTGCTTTGCAGCAGCAGGCTAAGTTGGTACTCTCC
ACAGATTTCTTGAACAACAACCCAGGCTCTAAGGAAACATCTAGGCACTAAATTTGAATGAAAAGTGTGAT
GGCTTTTTATTCAAATAAAAAATTTCAAATCTGTCAAAAACAGCACCCCTCGGAAAATCAAAATAGAGA
TATTTCAAGATTTTATAATTTTCAAAGACCTTTGAAATATTTTAACTTGTGAAAAGTTACAAACCTG
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCGCCGCTTCTATGAAAGG
  
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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_001333.4](#)

Summary: The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may play an important role in corneal physiology. This gene is expressed in colorectal and breast carcinomas but not in normal colon, mammary gland, or peritumoral tissues, suggesting a possible role for this gene in tumor processes. Alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2011]

Locus ID: 1515

MW: 75.9