

Product datasheet for **SC210291**

Cathepsin D (CTSD) (NM_001909) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Cathepsin D (CTSD) (NM_001909) Human 3' UTR Clone
Symbol: Cathepsin D
Synonyms: CLN10; CPSD; HEL-S-130P
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_001909
Insert Size: 778 bp
Insert Sequence: >SC210291 3'UTR clone of NM_001909
 The sequence shown below is from the reference sequence of NM_001909. 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
GTGGGCTTCGCGGAGGCTGCCCGCCTCTAGTTCCCAAGGCGTCCGCGGCCAGCACAGAAACAGAGGAG
AGTCCCAGAGCAGGAGGCCCTGGCCCAGCGGCCCTCCACACACACCCACACACTCGCCCGCCACT
GTCCTGGGCGCCCTGGAAGCCGGCGGCCAAGCCCGACTTGCTGTTTTGTTCTGTGGTTTTCCCTCCC
TGGGTTCAGAAATGCTGCCTGCCTGTCTGTCTCTCCATCTGTTTGGTGGGGTAGAGCTGATCCAGAGC
ACAGATCTGTTTCGTGCATTGGAAGACCCACCCAAGCTTGGCAGCCGAGCTCGTGTATCCTGGGGCTC
CCTTCATCTCCAGGGAGTCCCCTCCCCGGCCCTACCAGCGCCCGCTGGGCTGAGCCCTACCCACACC
AGGCCGTCTCCCGGCCCTCCCTTGAAACCTGCCCTGCCTGAGGGCCCTCTGCCAGCTTGGGCC
AGCTGGGCTCTGCCACCTACCTGTTCAGTGTCCCGGCCCGTTGAGGATGAGGCCGCTAGAGGCCCTGA
GGATGAGCTGGAAGGAGTGAGAGGGGACAAAACCCACCTTGTGGAGCCTGCAGGGTGGTCTGGGACT
GAGCCAGTCCCAGGGCATGTATTGGCCTGGAGTGGGGTTGGGATTGGGGGCTGGTGCCAGCCTTCT
CTGCAGCTGACCTCTGTTGTCTCCCTTGGCGGCTGAGAGCCCAAGCTGACATGGAATACAGTTGT
TGGCCTCCGGCCTCCCCTC
ACGCGTAAGCGGCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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:	<u>NM_001909.5</u>
Summary:	This gene encodes a member of the A1 family of peptidases. The encoded preproprotein is proteolytically processed to generate multiple protein products. These products include the cathepsin D light and heavy chains, which heterodimerize to form the mature enzyme. This enzyme exhibits pepsin-like activity and plays a role in protein turnover and in the proteolytic activation of hormones and growth factors. Mutations in this gene play a causal role in neuronal ceroid lipofuscinosis-10 and may be involved in the pathogenesis of several other diseases, including breast cancer and possibly Alzheimer's disease. [provided by RefSeq, Nov 2015]
Locus ID:	1509
MW:	27.2