

## Product datasheet for **SC215501**

### Caspase 3 (CASP3) (NM\_032991) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Caspase 3 (CASP3) (NM_032991) Human 3' UTR Clone
Symbol:	Caspase 3
Synonyms:	CPP32; CPP32B; SCA-1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032991
Insert Size:	1606 bp



[View online »](#)

**Insert Sequence:** >SC215501 3'UTR clone of NM\_032991  
 The sequence shown below is from the reference sequence of NM\_032991. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCACAAAAGAAGCTCTATTTTTATCACAAAGAAATGGTTGGTTGGTGGTTTTTTTTAGTTTGTATGCC
AAGTGAGAAGATGGTATATTTGGTACTGTATTTCCCTCTCATTGACCTACTCTCATGCTGCAGAGGG
TACTTTAAGACATACTCCTCCATCAAATAGAACCACTATGAAGCTACCTCAAACCTCCAGTCAGGTAG
TTGCAATTGAATTAATAGGAATAAATAAAAAATGGATACTGGTGCAGTCATTATGAGAGGCAATGATT
GTTAATTTACAGCTTTCATGATTAGCAAGTTACAGTGATGCTGTGCTATGAATTTTCAAGTAATTGTGA
AAAAGTTAAACATTGAAGTAATGAATTTTTATGATATCCCCCACTTAAGACTGTGATTCTAGTTTTT
GTCAAAGTGTAGAAATGATGATGTGGAAGAAGTTCAGGCATCTGTGGGCATGGTCAAAGGCTCAAACCTT
TATTTTAGAATTGATATACACGGATGACTTAAGTGCATTTTTAGACCATTTATCTGGGATTATGGTTTT
GTGATGTTTGCCTGAACACTTTTGTGTAATAAATAATAAATGTTTAAATATTGAGAAAGAAACTA
ATATTTATGTGAGAGAAAGTGTGAGCAAACTAAGTGTGACTTTTAAAGGCTAAAACCTAACATTCATAGA
GGGGTGGAGTTTTAACTGTAAGGTGCTACAATGCCCTGGATCTACCAGCATAAATATCTTCTGATTTG
TCCCTATGCATATCAGTTGAGCTTCATATACCAGCAATATATCTGAAGAGCTATTATATAAAACCCCA
AACTGTTGATTATTAGCCAGGTAATGTGAATAAATCTATAGGAACATATGAAAATACAACCTAAATAA
TAAACAGTGGAATATAAGGAAAGCAATAAATGAATGGGCTGAGCTGCCTGTAACCTGAGAGTAGATGGT
TTGAGCCTGAGCAGAGACATGACTCAGCCTGTTCCATGAAGGCAGAGCCATGGACCACGCAGGAAGGGC
CTACAGCCCATTTCTCCATACGCACTGGTATGTGTGGATGATGCTGCCAGGGCGCCATCGCCAAGTAAG
AAAGTGAAGCAAATCAGAAACTTGTGAAGTGAAATGTTCTAAAGGTGGTGAAGCAATAAAAATCATAG
TACTCTTTGTAGCAAAATTTCTAAGTATGTTATTTCTGTTGAAGTTTACAATCAAAGGAAAATAGTAA
TGTTTTATACTGTTTACTGAAAGAAAAGACCTATGAGCACATAGGACTCTAGACGGCATCCAGCCGGA
GGCCAGAGCTGAGCCCTCAGCCCGGAGGCAGGCTCCAGGCCCTCAGCAGGTGCGGAGCCGTCAGTGCAC
CAAGTCTCACTGGCTGTCAGTATGACATTTACGGGAGATTTCTGTTGCTCAAAAAATGAGCTCGCAT
TTGTCAATGACAGTTTCTTTTTCTTACTAGACCTGTAACCTTTGTAATAACACATAGCATGTAATGGT
ATCTTAAAGTGTGTTTCTATGTGACAATTTGTACAAATTTGTTATTTTCCATTTTATTTCAAATAT
ACATTCAAACTTAAAATTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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.

**RefSeq:** [NM\\_032991.3](#)

**Summary:** The protein encoded by this gene is a cysteine-aspartic acid protease that plays a central role in the execution-phase of cell apoptosis. The encoded protein cleaves and inactivates poly(ADP-ribose) polymerase while it cleaves and activates sterol regulatory element binding proteins as well as caspases 6, 7, and 9. This protein itself is processed by caspases 8, 9, and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease. [provided by RefSeq, Aug 2017]

**Locus ID:** 836

**MW:** 61.1