

Product datasheet for **SC212575**

Caspase 8 (CASP8) (NM_001080125) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Caspase 8 (CASP8) (NM_001080125) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CASP8
Synonyms: ALPS2B; CAP4; Casp-8; FLICE; MACH; MCH5
ACCN: NM_001080125
Insert Size: 1145 bp
Insert Sequence: >SC212575 3'UTR clone of NM_001080125
 The sequence shown below is from the reference sequence of NM_001080125. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGAAAAAAAACTTGTCTTCCCTTCTGATGTGTTGGTCTATTTTGTGGTTTGTGGTTTGTGGTTTGTGGTTT
GAGACAGAATCTCGCTCTGTGCGCCAGGCTGGAGTGCAGTGGCGTGATCTCGGCTCACCGAAGCTCCG
CCTCCCGGGTTACAGGCCATTCTCCTGCCTCAGCCTCCCGAGTAGCTGGGACTACAGGGGCCCGCCACCA
CACCTGGCTAATTTTTTAAAAATTTTTTAGTAGAGACAGGGTTTCACTGTGTTAGCCAGGGTGGTCTT
GATCTCCTGACCTCGTGATCCACCCACCTCGGCCTCCCAAAGTGTGGGATTACAGGCGTGAGCCACCG
CGCCTGGCCGATGGTACTATTTAGATATAACACTATGTTTATTTACTAATTTTCTAGATTTTCTACTTT
ATTAATTGTTTTGCACTTTTTTAAAGAGCTAAAGTAAATAGGATATTAACAACAATAACACTGTCTC
CTTTCTCTTATGCTTAAGGCTTTGGGAATGTTTTAGCTGGTGGCAATAAATACCAGACACGTACAAAA
TCCAGCTATGAATATAGAGGGCTTATGATTCAGATTGTTATCTATCAACTATAAGCCCACTGTTAATAT
TCTATTAACCTTTAATTCTCTTTCAAAGCTAAATCCCACTACCACATTAATAAATAAGAAAGTAGCC
ACGTATGGTGGCTCATGTCTATAATCCAGCACTTTGGGAGGTTGAGGTGGGAGGATTGCTTGAACCCA
AGAGGTCAAGGCTGCAGTGAGCCATGTTACACCGCTGCACTCAAGCTTGGGTGACAGAACAAGACCCC
GTCTCAAAAAAAAAATTTTTTTTAAATAAAACAAAATTTGTTTGAATCTTTTAAAAATCAAATGATTT
TTACAAGTTTTAAATAAGCTCTCCCAAACCTGCTTTATGCCTTCTTATTGCTTTTATGATATATAT
GCTTGGCTAACTATTTTGTCTTTTGTCTAAATGCTCTGGGCTCTTTTATGCATTTGCATTTGCTCT
TTCATCTCTGCTTGGATTATTTTAAATCATTAGGAATTAAGTTATCTTTAAAAATTAAGTATCTTTTT
CAAAAACATTTTTTAAATAGAATAAAATATAATTTGATCTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI



[View online »](#)

| | |
|------------------------|--|
| 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_001080125.2</u> |
| Summary: | <p>This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain, a large protease subunit, and a small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This protein is involved in the programmed cell death induced by Fas and various apoptotic stimuli. The N-terminal FADD-like death effector domain of this protein suggests that it may interact with Fas-interacting protein FADD. This protein was detected in the insoluble fraction of the affected brain region from Huntington disease patients but not in those from normal controls, which implicated the role in neurodegenerative diseases. Many alternatively spliced transcript variants encoding different isoforms have been described, although not all variants have had their full-length sequences determined. [provided by RefSeq, Jul 2008]</p> |
| Locus ID: | 841 |
| MW: | 44.1 |