

## Product datasheet for **SC212578**

### Caspase 8 (CASP8) (NM\_001228) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Caspase 8 (CASP8) (NM\_001228) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CASP8  
**Synonyms:** ALPS2B; CAP4; Casp-8; FLICE; MACH; MCH5  
**ACCN:** NM\_001228  
**Insert Size:** 1150 bp  
**Insert Sequence:** >SC212578 3'UTR clone of NM\_001228  
 The sequence shown below is from the reference sequence of NM\_001228. 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
AGAAAAAAAACTTGTCTTCCCTTCTGATGTAGTGGTGTCTATTTGTTTTGTTTTGTTTTGTTTTGTTTTT
GAGACAGAATCTCGCTCTGTGCGCCAGGCTGGAGTGCAGTGGCGTGATCTCGGCTCACCGAAGCTCCG
CCTCCCGGGTTACAGGCCATTCTCCTGCCTCAGCCTCCCGAGTAGCTGGGACTACAGGGGCCCGCCACCA
CACCTGGCTAATTTTTAAAAATTTTTAGTAGAGACAGGGTTTCACTGTGTTAGCCAGGGTGGTCTT
GATCTCCTGACCTCGTGATCCACCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCG
CGCCTGGCCGATGGTACTATTTAGATATAACACTATGTTTATTTACTAATTTTCTAGATTTTCTACTTT
ATTAATTGTTTTGCACTTTTTTAAGAGCTAAAGTAAATAGGATTAACAACAATAAACTGTCTC
CTTTCTCTTATGCTTAAGGCTTTGGGAATGTTTTAGCTGGTGGCAATAAATACCAGACACGTACAAAA
TCCAGCTATGAATATAGAGGGCTTATGATTCAGATTGTTATCTATCAACTATAAGCCCACTGTTAATAT
TCTATTAACCTTTAATTCTCTTTCAAAGCTAAATCCCACTACCACATTAATAAATAAGTAGCC
ACGTATGGTGGCTCATGTCTATAATCCAGCACTTTGGGAGGTTGAGGTGGGAGGATTGCTTGAACCCA
AGAGGTCAAGGCTGCAGTGAGCCATGTTACACCGCTGCACTCAAGCTTGGGTGACAGAACAAGACCCC
GTCTCAAAAAAAAAATTTTTTTTAAATAAAACAAAATTTGTTTGAATCTTTTAAAAATCAAATGATTT
TTACAAGTTTTAAATAAGCTCTCCCAAACCTGCTTTATGCCTTCTTATTGCTTTTATGATATATAT
GCTTGGCTAACTATTTGCTTTTTGCTAACAATGCTCTGGGCTTTTTATGCATTTGCATTTGCTCT
TTCATCTCTGCTTGATTATTTAAATCATTAGGAATTAAGTTATCTTTAAAAATTAAGTATCTTTTT
CAAAAACATTTTTTAATAGAATAAAATATAATTTGATCTTATTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001228.4</a>
<b>Summary:</b>	<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>
<b>Locus ID:</b>	841
<b>MW:</b>	44.3