

## Product datasheet for **SC200807**

### Caspase 4 (CASP4) (NM\_001225) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Caspase 4 (CASP4) (NM_001225) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CASP4
Synonyms:	ICE(rel)II; ICEREL-II; ICH-2; Mih1; Mih1/TX; TX
ACCN:	NM_001225
Insert Size:	143 bp
Insert Sequence:	>SC200807 3'UTR clone of NM_001225 The sequence shown below is from the reference sequence of NM_001225. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGATATTTCTACCTCTTTCTGGCAAT <b>TGA</b> AAATGGAAGCCACAAGCAGCCAGCCCTCCTTAATCAAC TTCAAGGAGCACCTTCATTAGTACAGCTTGCATATTTAACATTTGTATTCAATAAAAGTGAAGACAA ACGAA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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:	<a href="#">NM_001225.4</a>



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**Summary:**

This gene encodes a protein that is 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 and a large and 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 caspase is able to cleave and activate its own precursor protein, as well as caspase 1 precursor. When overexpressed, this gene induces cell apoptosis. Alternative splicing results in transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

**Locus ID:**

837

**MW:**

5.8