

## Product datasheet for **SC214267**

### Caspase-7 (CASP7) (NM\_001227) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Caspase-7 (CASP7) (NM_001227) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CASP7
Synonyms:	CASP-7; CMH-1; ICE-LAP3; LICE2; MCH3
ACCN:	NM_001227
Insert Size:	1395 bp



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**Insert Sequence:** >SC214267 3'UTR clone of NM\_001227  
 The sequence shown below is from the reference sequence of NM\_001227. 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
CTCACCAAGGAAGCTACTTTCAGTCAATAGCCATATCAGGGGTACATTCTAGCTGAGAAGCAATGGGTC
ACTCATTAAATGAATCACATTTTTTTATGCTCTTGAAATATTCAGAAATTCTCCAGGATTTTAATTCAG
GAAAATGTATTGATTCAACAGGGAAGAACTTTCTGGTGTCTTTTTGTTCTCTGAATTTTCAGAGAC
TTTTTTATAATGTTATTCATTTGGTGACTGTGTAACCTTCTCTTAAGATTAATTTCTCTTTGTATGT
CTGTTACCTTGTTAATAGACTTAATACATGCAACAGAAGTGACTTCTGGAGAAAGCTCATGGCTGTGTC
CACTGCAATTGGTGGTAACAGTGGTAGAGTCATGTTTGCCTGGCAAAAAGAATCCCAATGTTTGACA
AAACACAGCCAAGGGGATTTTACTGCTCTTTATTGCAGAATGTGGGTATTGAGTGTGATTTGAATGAT
TTTTTCATTGGCTTAGGGCAGATTTTCATGCAAAAGTTCTCATATGAGTTAGAGGAGAAAAAGCTTAATG
ATTCTGATATGTATCCATCAGGATCCAGTCTGGAAAACAGAAACCATTCTAGGTGTTCAACAGAGGGA
GTTTAATACAGGAAATTGACTTACATAGATGATAAAAGAGAAGCCAAACAGCAAGAAGCTGTTACCACA
CCCAGGGCTATGAGGATAATGGGAAGAGTTTGGTTTCCTGTGTCCAGTAGTGGGATCATCCAGAGGAG
CTGGAACCATGGTGGGGCTGCCTAGTGGGAGTTAGGACCACCAATGGATTGTGGAAAATGGAGCCATG
ACAAGAACAAAGCCACTGACTGAGATGGAGTGAGCTGAGACAGATAAGAGAATACCTTGGTCTCACCTA
TCCTGCCTCACATCTCCACCAGCACCTTACTGCCAGGCCTATCTGGAAGCCACCTCACCAAGGACC
TTGGAAGAGCAAGGGACAGTGAGGCAGGAGAAGAACAAGAAATGGATGTAAGCCTGGCCCATAAATGTGA
ACATAAGTAATCACTAATGCTCAACAATTTATCCATTCAATCATTATTGAGTTGTCAGATAGTC
TATGTATGTGTAACAATACTGTTTGGCTTTATGTGCAAAATCTGTTATAGCTTTAAAAATATATCTGG
AACTTTTTAGATTATTCCAAGCCTATTTTGGTAAATATTTGTTACTTTTTAGTTCTATAAGTGAGGAA
GAGTTTATGGCAAAGATTTTGGCACTTTGTTTCAAGATGGTGTATCTTTGAATTTCTTGATAAATG
ACTGTTTTTTCTGCCTAATAGTAACTGGTTAAAAACAATGTTTCATATTTATTGATTAATAAATGTGG
TTGCTTAATTCCTAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-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\\_001227.5](#)

**Summary:** 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 which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. The precursor of the encoded protein is cleaved by caspase 3 and 10, is activated upon cell death stimuli and induces apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]

Locus ID: 840  
MW: 54.3