

Product datasheet for **SC208909**

Caspase 9 (CASP9) (NM_001229) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Caspase 9 (CASP9) (NM_001229) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CASP9
Synonyms:	APAF-3; APAF3; ICE-LAP6; MCH6; PPP1R56
ACCN:	NM_001229
Insert Size:	1572 bp



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Insert Sequence: >SC208909 3'UTR clone of NM_001229
 The sequence shown below is from the reference sequence of NM_001229. 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
CGGAAAAAAGCTTTTCTTTAAAACATCATAAAGGCCAGGGCCCTCACCTGCCTTATCTTGCACCCAAA
GCTTTCCTGCCCCAGGCCTGAAAGAGGGCTGAGGCTGGACTTTCCTGCAACTCAAGGACTTTGCAGCCG
GCACAGGGTCTGCTCTTCTCTGCCAGTGACAGACAGGCTCTTAGCAGCTTCCAGATTGACGACAAGTG
CTGAACAGTGGAGGAAGAGGGACAGATGAATGCCGTGGATTGCACGTGGCCTCTTGAGCAGTGGCTGGT
CCAGGGCTAGTGACTTGTGTCCCATGATCCCTGTGTTGTCTCTAGAGCAGGGATTAACCTCTGCACTAC
TGACATGTGGGGCCAGGTCACCTTTGCTGTGAGGCTGCCTGTACATTGTGGGATGTTGAGCACTGTC
CCTTGCCCTCAATGCCAGTAACGCGTCTTCTGAGTGGTCCAAACAAAAAGGTTCTCAGGTGTTGCCAA
ATATGTCTGGGGTATAAACTTTCCTCGCCTGACAACCACTGGTCTGTAGGGATTTTTGGCTACACAC
AAACCAGTATCGCTCATAGATCAGCAAACCGGGGCTACTAGAGTCTGAACAGCTGAATCTATGAATT
CTAAGTGAAATTTAAAAATTGTTAATTTTTCTATATTGCATTAATTTAAAAAATAAACTCGAGGCA
AATATGGACTCTCTTTGCGCTATTTCTCCCTCATTTTGTCTCCAACCTCTTCTTCTTCTTACAAAAGA
GACTTTTGCTTTTTTCGAAACATTTCCCATGTTTTTCTGGGGTCTCGCTATGTTGCCAGGCTGGTCT
CAAACCTCTGGGCTCAAGTGACCCTCCCAAGTAGCTCTTACTACAGGCGTGCACCATTGCACCCAGCCC
CATTTATTCATGTCTTATTTCACTTGATCCTTATCCCATCCCAGGAAGGCAACAAGGGTGAAGAACCTG
TGCTCAGGGAGGTTAGGTCTCTTGTCCAAGGAAAACGATTATCCAGAGAAGAGACCTGGCCAGAACCT
GGGTCCCCTGAGTCCCTAGCCATGCTTCCCATGTGCCTTACTTGTGAAGCACCCCGGACTGCAGTGTG
AACGTGCTGTGCAATAGTGACACGCTGGGCTTCCCACAAGGCTCCACCCTGAGGTCTTTAAGCTGTC
CTTATGCCAGCCTATTTCTGTTTTTTGGGCTTTTTTTTTGGAGATAGGGTCTCACTCTGTGCGCCAG
GCTGGAGTGCAATGACGCAATCTTGCTTATTGCAGTCTCGACCTCCTGGGCTCAAGAGATCCTTCCAC
CTCAGCCACCTGAGTAGCTTGGACTACAGGTGTGACCACCTCTCCAGTTAATTTTTGTATTTTTAGT
AGAGACAGAGTTATGCCATGTTACTCAGGCTGGTCTTGAACCTCTGGACTCAAGCGATCAGCCTGCCTT
AGCCTCCCAAAGTGCAGGGTTACAGGCTTGAAGCATTGCGCCTGACCTATTTCTGGTCTTAGGGCCC
TGGATGTTAGGATGGATTTCTGAATTAATAATAATAATAAAACCCTCATCAAGA
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCAGGAGATTTGATTCCACCGCCG
  
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Restriction Sites: SgfI-RsrII

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_001229.5](#)

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. This protein can undergo autoproteolytic processing and activation by the apoptosome, a protein complex of cytochrome c and the apoptotic peptidase activating factor 1; this step is thought to be one of the earliest in the caspase activation cascade. This protein is thought to play a central role in apoptosis and to be a tumor suppressor. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]

Locus ID:

842

MW:

57.7