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Product datasheet for SC208908

Caspase 9 (CASP9) (NM_032996) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Caspase 9 (CASP9) (NM_032996) Human 3' UTR Clone
Symbol:	Caspase 9
Synonyms:	APAF-3; APAF3; ICE-LAP6; MCH6; PPP1R56
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032996
Insert Size:	1572 bp

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Insert Sequence:

>SC208908 3'UTR clone of NM_032996
The sequence shown below is from the reference sequence of NM_032996. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGGAAAAAACTTTTCTTTAAAACATCATAAGGCCAGGGCCCCTCACCCTGCCTTATCTTGCACCCCAAA
GCTTTCCTGCCCCAGGCCTGAAAGAGGCTGAGGCCTGGACTTTCCTGCAACTCAAGGACTTTGCAGCCG
GCACAGGGTCTGCTCTTTCTCTGCCAGTGACAGACAGGCTCTTAGCAGCTTCCAGATTGACGACAAGTG
CTGAACAGTGGAGGAAGAGGGACAGATGAATGCCGTGGATTGCACGTGGCCTCTTGAGCAGTGGCTGGT
CCAGGGCTAGTGACTTGTGTCCCATGATCCCTGTGTTGTCTCTAGAGCAGGGATTAACCTCTGCACTAC
TGACATGTGGGGCCAGGTCACCCTTTGCTGTGAGGCTGTCCTGTACATTGTGGGATGTTCAGCACTGTC
CCTTGCCTCAATGCCAGTAACGCGTCTTCCTGAGTGGTGCCAAACAAAAAGGTTCTCAGGTGTTGCCAA
ATATGTCCTGGGGTATAAAACTTTCCTCGCCTGACAACCACTGGTCTGTAGGGATTTTTGGCTACACAC
AAACCAGTATCGCTCATAGATCAGCAAACCGGGGCCTACTAGAGTCTGAACAGCTGTAATCTATGAATT
CTAAGTGAAATTTTAAAAATTGTTAATTTTTCCTATATTGCATTAATTTTAAAAAATAAATCTGAGGCA
AATATGGACTCTCTTTTGCCTATTTCTTCCCTCATTTTGCTCCAACTCTTTCTTCTTCCTTACAAAAGA
GACTTTTGCTTTTTTCGAAACATTTCCCCATGTTTTTCTGGGGTCTCGCTATGTTGCCCAGGCTGGTCT
CAAACTCCTGGGCTCAAGTGACCCTCCCAAGTAGCTCTTACTACAGGCGTGCACCATTGCACCCAGCCC
CATTTATTCATGTCTTATTTCACTTGATCCTTATCCCATCCCAGGAAGGCAACAAGGGTGAGAACCCTG
TGCTCAGGGAGGTTAGGTCTCTTGTCCAAGGGAAAACGATTATCCAGAGAAGAGACCTGGCCAGAACCT
GGGTCCCCTGAGTCCTAGCCATGCTTCCCATGTGCCTTACTTGCTGAAGCACCCCCGGACTGCAGTGTG
AACGTGCTGTGCAATAGTGACACGCTGGGCTTCCCCACAAGGCTCCACCCTGAGGTCTTTTAAGCTGTC
CTTATGCCAGCCTATTTCTTGTTTTTTGGGCCTTTTTTTTTTGGAGATAGGGTCTCACTCTGTCGCCCAG
GCTGGAGTGCAATGACGCAATCTTGGCTTATTGCAGTCTCGACCTCCTGGGCTCAAGAGATCCTTCCAC
CTCAGCCACCTGAGTAGCTTGGACTACAGGTGTGCACCACCTCTCCCAGTTAATTTTTGTATTTTTAGT
AGAGACAGAGTTATGCCATGTTACTCAGGCTGGTCTTGAACTCCTGGACTCAAGCGATCAGCCTGCCTT
AGCCTCCCAAAGTGCAGGGGTTACAGGCTTGAGCCATTGCGCCTGACCTATTTCTGGTTCTTAGGGCCC
TGGATGTTAGGATGGATTTCTGAATTAATAATAATAATAAAACCCTCATCAAGA
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTCGATTCCACCGCCGC

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_032996.3

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