

Product datasheet for **MR230260**

Casp8 (NM_001277926) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Casp8 (NM_001277926) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Casp8
Synonyms:	Casp; CASP-8; FLI; FLICE; MAC; MACH; Mch5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR230260 representing NM_001277926
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGTGTGCTTTTGGAACTACTGAGTGACTGGTTACAGCTCTTCTACCTCTTGATAAGAATGGATTTC
 AGAGTTGTCTTTATGCTATTGCTGAAGAACTGGGCAGTGAAGACCTGGCTGCCCTCAAGTTCCTGTGCTT
 GGACTACATCCCACACAAGAAGCAGGAGACCATCGAGGATGCCAGAAAGCTATTTCTGAGGCTGCGGAA
 AAGGGGATGTTGGAGGAAGGCAATCTGTCTTCTGAAAGAGCTGCTTTTCCACATCAGTCGGTGGGACC
 TGCTGGTCAACTTCTAGACTGCAACCGAGAGGAGATGGTGAAGAGCTGCGGGATCCAGACAATGCCCA
 GATTTCTCCCTACAGGTCATGCTCTTAAAGCTCTCAGAAGAAGTGAGCGAGTTGGAATTGAGATCTTTT
 AAGTTCCTTTTGAACAATGAGATCCCAATGTAAGCTGGAAGATGACTTGAGCCTGCTTGAATTTTTG
 TAGAAATGGAGAAGAGGACCATGCTGGCAGAAAATAACTTGAAACCCTAAAATCAATCTGTGACCAGT
 CAACAAGAGCCTGCTGGGAAGATCGAGGATTATGAAAGATCAAGCACAGAGAGAAGAATGAGCCTTGAA
 GGAAGGGAAGAGTTGCCACCTCAGTTTTGGATGAGATGAGCCTCAAAATGGCGGAACTGTGTGACTCGC
 CAAGAGAACAAGACAGTGAGTCACGGACTTCAGACAAAGTTTACCAAATGAAGAACAACCTCGGGGATA
 CTGTCTGATCATCAACAATCATGATTTTACGAAGGCCCGGGAAGACATAACCCAACCTCCGAAAAATGAAG
 GACAGAAAAGGAACAGACTGTGATAAAGAGGCTCTGAGTAAGACCTTTAAGGAGCTTCATTTTGGATAG
 TATCTTACGACGACTGCACTGCAAAATGAAATCCACGAGATTCTAGAAGGCTACCAAGCGCAGACCACAA
 GAACAAAGACTGCTTCTATGCTGTATCCTATCCCACGGTGACAAGGGTGTGCTATGGAACGGATGGG
 AAGGAGGCCTCCATCTGACCTGACATCTTACTTCACTGGTTCAAAGTGCCTTCCCTGTCTGGGAAAC
 CCAAGATCTTTTTCATTACAGCTTGCCAAGGAAGTAACCTCCAGAAAGGAGTGCCTGATGAGGCAGGCTT
 CGAGCAACAGAACACACTTTAGAAGTGGATTTCATCATCTCACAAAGAACTATATTCCGGATGAGGCAGAC
 TTTCTGCTGGGAATGGCTACGGTGAAGAACTGCGTTTCTACCGAGATCCTGTGAATGGAACCTGGTATA
 TTCAGTCACTTTGCCAGAGCCTGAGGGAAGATGTCTCAAGGAGATGACATTCTTAGCATCCTGACTGG
 CGTGAATATGACGTGAGCAATAAAGACGACAGGAGGAACAAGGGAAAGCAGATGCCACAGCCACCTTC
 AACTACGGAAGAAGCTTCTTCCCTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230260 representing NM_001277926
 Red=Cloning site Green=Tags(s)

MCVLELLSDWLQFYLLIRMDQSLYAI AEELGSEDLAALKFLCLDYIPHKQETIEDAQKFLRLRE
 KGMLEEENLSFLKELLFHIRWDLLVNFLDCNREEMVREL RDPDNAQISPYRVMLFKLSEEVSELELRSF
 KFLLNNEIPKCKLEDDL SLEIFVEMEKRTMLAENNLETLSICDQVNSLLGKIEDYERSSTERRMSLE
 GREELPPSVLDEM SLKMAELCDSPREQDSESRSDKVYQMNKPRGYCL IINN HDFS KARE DITQLRKMK
 DRKGTDCDKEALSKTFKELHFEIVSYDDCTANEIHEILEGYQSADHKNKDCFICILSHGDKGVVYGTG
 KEASIDYLT SYFTGSKCPSLSGKPKIFFIQACQGSNFQKGVPEAGFEQQNHTLEVDSSSHKNYIPDEAD
 FLLGMATVKNCVSYRDPVNGTWYIQSLCQSLRERCPQDDILSILTG VNYDVSNKDDRRNKGKQMPQPTF
 TLRKKLFFPP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

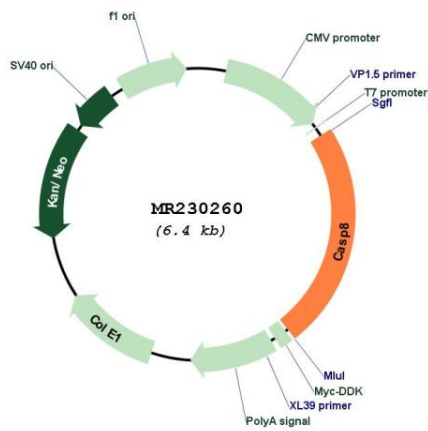
Restriction Sites:

Sgfl-MluI

Gene Summary:

This gene is part of a family of caspases, aspartate-specific cysteine proteases well studied for their involvement in immune and apoptosis signaling. This protein, an initiator of apoptotic cell death, is activated by death-inducing tumor necrosis family receptors and targets downstream effectors. In mouse deficiency of this gene can cause embryonic lethality. This protein may have a role in embryogenesis. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Apr 2013]

Product images:



Circular map for MR230260