

Product datasheet for **MC202092**

Casp12 (NM_009808) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Casp12 (NM_009808) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Casp12
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC028979 sequence for NM_009808
 GCTTTTTATGTCCAGGAGTCTGCACAGCCATGGCGGCCAGGAGGACACATGAAAGAGATCCAATCTACA
 AGATCAAAGGTTTGGCCAAGGACATGCTGGATGGGGTTTTTGTGACCTGGTGGAGAAGAATGTTTTAAA
 TGGAGATGAGTTACTCAAATAGGGGAAAGTCCGAGTTTCATCCTGAACAAGGCTGAGAATCTGGTTGAG
 AACTTCTTAGAGAAAACAGACATGGCAGGAAAAATTTTGTCTGGCCACATTGCCAATCCCAGGAACAGC
 TGAGTTTACAATTTTCTAATGATGAGGATGATGGACCTCAGAAGATATGTACACCTTCTTCTCCATCAGA
 ATCCAAGAGAAAAGTAGAGGATGATGAAATGGAGGTAATGCTGGATTGGCCCATGAATCACATCTAATG
 CTGACAGCTCCTCATGGACTCCAGAGCTCAGAAGTCCAAGATACACTGAAGCTTTGTCCACGTGATCAGT
 TTTGTAAGATAAAGACAGAAAGGCCAAAAGAGATATATCCAAGTATGAGAGAAAGGAGGACGAACACGTCT
 GGCTCTCATCATCTGCAACAAAAAGTTTGACTACCTTTTTGATAGAGATAATGCTGATACTGACATTTTG
 AACATGCAAGAACTACTTGAAAACTTGGATACTCTGTGGTGTAAAGGAAAACCTTACAGCTCAGGAAA
 TGGAGACAGAGTTAATGCAGTTTGTGGCCGTCCAGAGCACCAGTCTCAGACAGCACATTCCTGGTGT
 TATGTCCCATGGCATCTGGAAGGAATCTGTGGGTGAAGCACCGAAAACAAAAGCCAGATGTTCTTCAT
 GATGACACTATCTCAAATTTTCAACAACTCTAAGTGTGGAGTCTGAGAAAACAAACCAAGATTCTCA
 TCATGCAGGCCTGCAGAGGCAGATATAATGGAAGTATTTGGGTATCCACAACAAAAGGGATAGCCACTGC
 TGATACAGATGAGGAACGTGTGTGAGCTGTAATGGAATAATAGTATAACAAAGGCCCATGTGGAGACA
 GATTTTCATTGCTTTCAAATCTTCTACCCACATAATATTTCTTGAAGGTAGGCAAGACTGGTCCCTCT
 TCATTTCAAACACTCATTGACTGCTTCAAAAAGTACTGTTGGTGTATCATTTGGAGGAAATTTTCGAAA
 GGTTCAACACTCATTGAGGTCCAGGTGAAGTACCCAGATGCCCACTATTGAGAGAGTATCCATGACA
 CGCTATTTCTACCTTTTCCCGGAATTAGCACAGGCAACTCTCATGCAGTTCCAGTCAAGTATTGCTG
 TAGCTGAGAAGAAAAGAAAATCCAAGATCCCAGGATTTTAAATGTGTAACAACTTTTCAGTTAGATATT
 TTATAAATATCATAAGGCTAGATAATTTCCATAGGTTATTTTAGGGGAAACCTGATACGTAATAATTTT
 GCATGAAAAGTATAGATTCGTTCCCTTCCAAATCTGCTCATCTTTACTTTTATTTTAAATTTTAT
 ATTTGCACATTTTGTAAAATGAATAAAGGAAAAGACACTAAAGAACATGTCTGAACATATCCTGGAAC
 TTCTTCTTTGTAATAAAGGAAAAGACACTAAAGAACAAGATGATACACCTTTTGTGAAACCA
 CTTTCACTATAAATTAGTAGTAAGAAATTTACTACAAGGAAGATCTTATCTACAATGTAGCTGAGAAAT
 GAAACTGTTGCATATGTAGGTAAAATAATCATCTTTTAGGAATAAGATAAAGAGGTTTATGTCCACTGT
 TTGTCTCTGGCATAACATGGTTTTATGCCTAGTGGCTACCTACCATTCTTTCAATCAATTTCTTAGGAT
 ATAATTGACAAATTTATGCTATGTTTATAATTTTCTCTTAAATGCTTTTGTAAATAGATATACTCACAC
 ATACACATTTAAGATTCTGTCTATTAGTGTATTGAAATAAATCCTAGAAACAAAATTTAAAGTTTAAA
 GCATTAAGACAATTTTGTAGACAAAATATCTATGAAATTTCTATGAAAATTTGAATTTCTTACAAGTAT
 GTGATGAAGCCCACCTACCACTATTTTGTATCTTGGAGGATGTTATATCATTATTTTACTTAACTGAG
 CTCAAATTAATCTTTGTTTATCTTTGTTCTAAAAAATTTTAAAAAATTTTAAAAAATTTTAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_009808

Insert Size: 1260 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC028979](#), [AAH28979](#)

RefSeq Size: 2228 bp

RefSeq ORF: 1260 bp

Locus ID: 12364

UniProt ID: [O08736](#)

Cytogenetics: 9 2.46 cM

Gene Summary: Involved in the activation cascade of caspases responsible for apoptosis execution.
[UniProtKB/Swiss-Prot Function]