

Product datasheet for **RN206148**

Casp9 (NM_031632) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Casp9 (NM_031632) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Casp9
Synonyms:	Apaf3; Casp-9-CTD; Casp9_v1; Ice-Lap6; Mch6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206148 representing NM_031632
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAGGCTGACCGCAACTCTGCGCGATGCAGGGTACGCCTTGTCGCGAACTGCAAGTCGCGG
 AGCTGTGGGACGCTCTGCTGAGTCGTGAGCTCTTCACGCGGACATGATCGAGGATATTCAGCGGGCAGG
 CTCTGGGTCTCGGCGGGATCAGGCCAGGCACTGGTCATAGATCTTGAGACTCGAGGGAGGCAGGCCCTT
 CCTCGTTCATCTCCTGCTTAGAGGACACAGGCCAAGGCTCTCTGGCTTATTCTTGCAAAGCAGTGGG
 AAGCAGCCAAGCAGGATCCAGAAGCTGTTACCCCTAGACCACCTGGTGCCTGTGGTCTGGGACCAAT
 GGGACTCAAATCAAAGGAGCAGAAAGTAGTGAAGCTGGACCCATCTCAGCCTGCCTGGGAAACCTCACC
 CCAGTGGTGTGGGGCCGAAGAGCTCTGGCCTACTCGGCTCAGGCCAGAGGTTCTCACACCAGAAACAC
 CCAGGCCGGTGGACATTGGTTCTGGCAGAGCTCATGATGTCTGTACTCCAGGGAAGATCGAGAGACATGC
 AGATATGGCATACACCCTGGACTCGGATCCCTGTGGCCACTGCCTCATCAACAACGTGAACTTCTGC
 CCTTCCTCAGGGCTCAGCACACGCATTGGCTCCCACGTGGACTGTGAGAAGCTTCAGCACCGCTTCTGCT
 GGCTGCGTTCATGGTGGAGGTGAAGAACGACCTGACTGCTAAGAAAATGGTCACGGCTTTGATGGAGAT
 GGCGCACCCGACACCCTGCCCTGGACTGCTTCGTGGTGGTCATCCTCTCATGGCTGCCAGGCCAGC
 CACCTCCAGTTCGCCGGTGTCTATGGCACAGATGGATGCTCTGTGTCCATCGAGAGAATTGTGAACA
 TCTTCAATGGGACCGGCTGCCCCAGCCTGGGAGGGAAGCCCAAGCTGTTCTTATCCAGGCCGTGGTGG
 TGAGCAGAAAGACCATGGCTTTGAGTGGCCTTCACTTCTCTCAAGACAAGGCCCTCGACAGTACTCT
 GAGCCAGATGCTGTCCCATACCAGGAAGGCCAAGGACCTGGACCAGCTGGACGCAGTGTCAAGTTTGC
 CCACCCCAAGTACATCCTTGTGTCTACTCCACCTTCCAGGTTTGTCTCCTGGAGAGACAAGAAGAG
 CGGTTCCGTGATACATCGAGACCTTGGATGGTGTCTCCTGGAGCAGTGGGCTCGCTCGGAAGACCTGCAGTCC
 CTCTTCTCAGGGTCGCCAATGCTGTTTCTGAGAAAGGGTTTATAAGCAGATTCTGGCTGTTTTAACT
 TCCTCCGAAGAAGCTGTTCTTTAAACTTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031632

Insert Size: 1365 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: [NM_031632.1](#), [NP_113820.1](#)
RefSeq Size: 2391 bp
RefSeq ORF: 1365 bp
Locus ID: 58918
Cytogenetics: 5q36
Gene Summary: plays a role in initiation and progression of apoptosis [RGD, Feb 2006]