

## Product datasheet for **RN215647**

### Casp8 (NM\_022277) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Casp8 (NM_022277) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Casp8
Synonyms:	CASP-8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN215647 representing NM\_022277  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATTTCACAGTTGTCTTTACGATATTGCTGAACGCTGGGCAACGAAGAAGTGGCTGCCCTCAAGT  
 TCCTGTCTTGGACCACATCCCGCAGAAGAAGCAGGAGTCCATCAATGATGTCCTGGTGCTATTTTCAGAG  
 GCTGCAGGAAGAGGGGATGTTGGAGGAAGACAATTTGCTCCTCCTGAAGGAGCTGCTTTCCATATCAGT  
 CGGCGGGATCTGCTGAGCAGAGTCTAAAAAGCAGCCAGAGGAAATGGTGAGGGAGCTGCAGGTTCTGG  
 GCAAAGCCAGGTTTCTGCCTACAGGGTTATGCTCTTTAAGCTCTCAGAAGACATGGACAAGGAGGATTT  
 GAAATCTTTAAGTTCCTTTGATCACTGAGATCCCTAAATGTAAGTGAAGACAAGTGCAGGCTGCTT  
 GATATTTTCGTAGAGATGGAGAAGAGGACTATCCTGGCAGAAAACAAGTGGTTACCCTAAAATCAATCT  
 GTTCCGGGTCAACAGGAGCTTCTGGGAAGGATCGACGATTACGAACGATCAAGCACAGAGAGAAGAAT  
 GAGCACTGAAGGAGGGGAAGAGCTGCCAGTTTCTGTTTGGATGAGGTGACCATCAAAATGCAGGACATG  
 TGGACTCGCCAGGAGAGCAAGAGAGTGAAGTCACTAAATTCAGACAACGTTTACCAAATGAAGAGCAAAC  
 CTCGGGGTACTGTCTGATCTTCAACAATAATAATTTAGCAAAGCACGGGAGGACATACCCAAACTCAG  
 CAACATGCGGGACAGAAAAGGAACCAACTATGATGAAGAGGCTCTGAGTAAGACCTTTAAGGAGCTTCAT  
 TTTGAGATCGTGTCTTCAAGTATTGCACAGCAAGTCAAATCCATGAGTTCTAGTATCCTATCAAAGCA  
 AGGACCACAAGGGCAAAGACTGCTTTCATCTGCTGCATCCTATCACATGGGGACAAGGGCATCGTCTACGG  
 AACGGATGGGAAGGAAGCCTCTATCTATGAGCTGACATCTTACTTCACTGGCTCAAAGTGCCTTCCCTG  
 GCTGAAAACCCAAAATCTTTTTTATCAAGCTTGTCAAGGAAATAACTCCAGAAAGCGGTGCCTGTGC  
 CTGATGAGACAGGCTTAGAACAGGAGCACGTTTTAGAAGAGGATTCATCATCTTACAAGAATAATCCC  
 AGATGAGGCAGACTTCTGCTGGGGATGGTACTGTGAAAAACTGTGTTTCTACCGAGATCCCACGCGT  
 GGGACCTGGTATATCCAGTCACTTTGCCAGAGCCTGAGGGAAAGATGTCCTCGAGGTGAGGATATTCTCA  
 GCATCCTGACTGGCGTGAAGTATGATGTGAGCAATAAAGACAACCCGAGGAACATGGGAAAGCAGATGCC  
 ACAGCCCATCTTCACTACGGAAGAAGCTCTTCTCCCTCTAACTGA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_022277

**Insert Size:** 1449 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\\_022277.1](#), [NP\\_071613.1](#)

RefSeq Size: 2003 bp

RefSeq ORF: 1449 bp

Locus ID: 64044

UniProt ID: [Q9JHX4](#)

Cytogenetics: 9q31

Gene Summary: member of the cysteine-aspartic acid protease (caspase) family that mediates the terminal stage of apoptosis; involved in apoptosis induced by Fas and other stimuli [RGD, Feb 2006]