

Product datasheet for **RN200684**

Casp7 (NM_022260) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Casp7 (NM_022260) Rat Untagged Clone
Tag: Tag Free
Symbol: Casp7
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN200684 representing NM_022260
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAGACGATCAGGACTGTGCTGCAGAGCTGGAAATGGCAGATTCTTCGACGGAAGACGGAGTTGACG
CTAAGCCAGACCGCTCCACCATCATCTCATCCCTTCTCTGGAAGAAGAAGAAAAATGCCTCTATGTGCC
CGTCAGTACCACCCGGGACCGCTGCCACTTACCTGTACCGTATGGACTTCGAGAAGATGGGCAAATGT
ATCATCATAAATAACAAGAACTTCGACAAAGCGACAGGTATGGATGTCCGGAATGGGACGGACAAAGACG
CAGAGGCCCTCTCAAGTGCTTCCGAAGCCTGGGTTTTGAAGTACCCTATAATGACTGCTCTTGCCG
AAAGATGCAGGATCTGCTTAGACGAGCCTCTGAAGAGGACCACAGCAACTCAGCCTGCTTCGCCTGCGTC
CTGCTGAGCCACGGAGAAGAGAATCTGATTTATGGGAAAGACGGCGTGACACCGATAAAGGATCTGACAG
CTCATTTTAGGGGAGACCGATGCAAAACCTGCTAGAGAAACCAAGCTCTTCTTCATCCAGGCGTGCCG
AGGGACGGAGCTGGATGACGGGATCCAGGCTGACTCGGGCCTATCAACGACACCGACGCTAATCCCCGC
TACAAGATCCCGGTGGAAGCTGACTTTCTTTGCTTACTCCACGGTTCAGGCTATTATTCGTGGAGGA
ACCCAGGAAAGGGCTCCTGGTTTGTGCAGGCCCTCTGCTCCATCCTGAATGAGCATGGCAAGGACCTGGA
GATCATGCAGATCCTGACCAGGGTGAACGACAGGGTGGCCAGACACTTCGAGTCCAGTCTGATGACCCC
CGTTCAATGAGAAGAAGCAGATTCCATGTATGGTGTCCATGCTCACAAAGAGCTCTACTTTGGCCGTT
GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_022260
Insert Size: 912 bp



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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:	<ol style="list-style-type: none">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:	<u>NM_022260.3</u> , <u>NP_071596.1</u>
RefSeq Size:	2269 bp
RefSeq ORF:	912 bp
Locus ID:	64026
Cytogenetics:	1q55
Gene Summary:	member of the cysteine-aspartic acid protease (caspase) family that mediates terminal phase of apoptosis [RGD, Feb 2006]