

Product datasheet for **RN208081**

Casp6 (NM_031775) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Casp6 (NM_031775) Rat Untagged Clone
Tag: Tag Free
Symbol: Casp6
Synonyms: Mch2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208081 representing NM_031775
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACGGAGACAGATGGCTTCTACAGAAGTAGGGAAGTGTGGATCCAGCCGAGCAGTACAAGATGGACC
ACAAGAGGAGAGAACTGCCCTAATCTTCAATCACGAGAGTTCTTCTGGCACCTAGCACTCCCAGAGAG
GCGGGGCACCAACGCAGACAGGGACAACCTGACTCGAAGGTTCTCAGAGCTAGGATTTGAAGTGAATGC
TTTAACGACCTCCGGGCAGAAGAACTACTGCTCAAGATTCACGAGGTGTGACTTCCAGCCACGTAGATG
CCGATTGCTTCTGTGTCTTCTGAGCCACGGGAAGGCAACCACATTTACGCATACGATGCCAAAAT
TGAAATTCAGACCTTGACTGGCTTGTTCAAAGGAGACAAGTGTGACAGCCTGGTTGGAAAACCCAAGATA
TTCATCATCCAGGCTGTGCGGGCAGCCAGCATGACGTGCCCGTGGTTCCCTGAGCCTGGTGGATCATC
AGACAGACAAGCTGGACGACAACGTGACCCAGGTGGATGCTGCCCGGTGTACACTCTGCCTGCGGGGGC
GGACTTCTCATGTGTTACTCTGTTGCAGAAGGGTATTACTCTCACCGAGAGACTGTGAACGGCTCCTGG
TACATTCAGGATTTGTGCGAGATGCTGGCCAGGCACGGTAGTTCCTGGAGTTCACCGAGCTGCTCACGC
TGGTGAACAGGAAGGTCCTCAGCGCCGTGGATTTCTGCAAAGACCCAGGTGCAATTGGCAAGAAGCA
GGTCCCTGCTTTCCTCAATGCTGACCAAAAAGCTGCATTTCTGTCCCAAACCTAGTAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031775
Insert Size: 834 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:	NM_031775.3 , NP_113963.2
RefSeq Size:	1605 bp
RefSeq ORF:	834 bp
Locus ID:	83584
Cytogenetics:	2q43
Gene Summary:	member of the cysteine-aspartic acid protease (caspase) family that plays a terminal role in apoptosis [RGD, Feb 2006] Transcript Variant: This variant (1) is the longer transcript. Variants 1 and 2 encode the same protein.