

Product datasheet for RN216225

Casp6 (NM_001271984) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Casp6 (NM_001271984) 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: >RN216225 representing NM_001271984
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGGAGACAGATGGCTTCTACAGAAGTAGGGAAGTGTGGATCCAGCCGAGCAGTACAAGATGGACC
ACAAGAGGAGAGGAAGTCCCTAATCTTCAATCACGAGAGTTCTTCTGGCACCTAGCACTCCCAGAGAG
GCGGGGCACCAACGCAGACAGGGACAACCTGACTCGAAGTTCTCAGAGCTAGGATTTGAAGTGAATGC
TTTAACGACCTCCGGGCAGAAGAACTACTGCTCAAGATTCACGAGGTGTCGACTTCCAGCCACGTAGATG
CCGATTGCTTCTGTGTCTTCTGAGCCACGGGAAGGCAACCACATTTACGCATACGATGCCAAAAT
TGAAATTCAGACCTTGACTGGCTTGTCAAAGGAGACAAGTGTGACAGACCTGGTTGGAAAACCCAAGATA
TTCATCATCCAGGCTGTGCGGGCAGCCAGCATGACGTGCCCGTGGTTCCCTGAGACGTGGTGGATCATC
AGACAGACAAGCTGGACGACAACGTGACCCAGGTGGATGCTGCCCGGTGTACACTCTGCCTGCGGGGGC
GGACTTCTCATGTGTTACTCTGTTGCAGAAGGGTATTACTCTCACCGAGAGACTGTGAACGGCTCCTGG
TACATTCAGGATTTGTGCGAGATGCTGGCCAGGCACGGTAGTTCCTGGAGTTCACCGAGCTGCTCACGC
TGGTGAACAGGAAGTCTCTCAGCGCCGTGGATTTCTGCAAAGACCCAGGTGCAATTGGCAAGAAGCA
GGTCCCTGCTTTCCTCAATGCTGACCAAAAAGCTGCATTTCTGTCCCAAACCTAGTAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271984
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001271984.1, NP_001258913.1</u>
RefSeq Size:	1450 bp
RefSeq ORF:	834 bp
Locus ID:	83584
Cytogenetics:	2q43
Gene Summary:	<p>member of the cysteine-aspartic acid protease (caspase) family that plays a terminal role in apoptosis [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) lacks an exon in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein.</p>