

Product datasheet for RN209196

Casp4 (NM_053736) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Casp4 (NM_053736) Rat Untagged Clone
Tag: Tag Free
Symbol: Casp4
Synonyms: Casp11
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209196 representing NM_053736
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAAAACAACCACCTGATAAACCACTTAAGGTGTTGGAAGAAGTGGCAAAGAGTTCCTTACAG
 AGTACCTAGAAAAATTGGTACAAAGCAATGTATTGAAATTAAGGAAGAAGAGAAAACAAAATTTAACAA
 TGCTGAACGCAGTGACAAGCGCTGGGTTTTGTAGATGTCCTGAAAAGGAAACACAACCAAGTGGGCAAA
 ATGCTTCTCCAGACATTTCTTAATGTGGACTCAGGCAGCCACCATGGTGAAGCTAATTTGGAAATGGAGG
 AACCAAGAAGTCAAGTGGACACTCTCAAGCTTTGTTCCCGAGGAGTTCACAAGGCTGTGCAGAGAAAA
 GAAGCAAGAAATTTACCAATAAAGGAGACCAATGGCCGTAACGAAAGGCTCTTATCATATGCAATACA
 GAGTTCAAACATCTCTCCCTGAGATATGGGGCTAACATTGACATTAGTGGCATGAAAGGCCTTCTTGAAG
 AGTTGGGCTATGATGTGGTGGTGAAGAGGAGCTTACGGCTGAGGGCATGGAATCAGAAATGAAAGACTT
 TGCTGCACTCTCAGAGCACCAACATCAGACAGCACATTCCTGGTGTAAATGTCTCATGGCACATTGCAG
 GGCTTTGTGGAACAATGCACAGTGAAGCAACTCCAGATGTGCTATTATATGATACTATCTATCAGATAT
 TTAACAATTGCTACTGTCCAGGCTACGAGACAAACCAAGTCAATTTGTGCAGGCCTGCAGAGGTGG
 AAACCCTGGGGAAGTGTGGATCAGAGAGTCTTACGGAGCCCACTCTACAGAGCTGTAGATCTACCTAGG
 AATATGGAAGCTGATGCTGTCCGATGAGCCATGTGGAGAAGGACTTCATTGCCCTCTACTCTACAACAC
 CACACCACTTGTCTACAGAGACAAAACAAGAGGCTCTTACTTCACTCTCCAAACTCATTTCTGCTCCG
 GATACATGCCTGCTCTTGTATCTATTTGATATATTTCTGAAGGTGCAACAATCATTTGAAAAGGCAAGT
 ATTAATCCCAGATGCCACCATTGATCGGGCAACCTTGACAAGATATTTCTACCTCTTCTGGCAATT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_053736
Insert Size:	1122 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:	<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_053736.2</u> , <u>NP_446188.2</u>
RefSeq Size:	1350 bp
RefSeq ORF:	1122 bp
Locus ID:	114555
Cytogenetics:	8q11
Gene Summary:	cysteine-aspartic acid protease (caspase); involved with the terminal stage of apoptosis; may also be involved with response to inflammation [RGD, Feb 2006]