

## Product datasheet for **RN201884**

### Casp12 (NM\_130422) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Casp12 (NM\_130422) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Casp12  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN201884 representing NM\_130422  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGCCAAGAGAACACATGAAAGGGATCCAATCTACAAGATCAAAGGTTTGCCAAGGACATGCTGG  
 ATGGAGTTTTTGTGATGACCTGATGGACAAAAATGTTTTAAATGGCGATGAGTTACTCAAAATCGGAGAGG  
 AGCGAGCTTAATCCTGAGCAAAGCTGAGAACCTGGTTGAAAGTTCTTTGAGAAAACAGAAATGGCAGGA  
 AAAATATTTGCAGGTACATTGCCAATTCGACAAACAGCTGAGTTTACAATTCCTTCTGATGATGAAG  
 AGGATGAAGTTACAGAAAATGTTTACACCATCTTCTGCATCAGAATCCAGGGGAAAAGTAGAAGATGAAGA  
 AATGGAGGTAAATGTTGGAGTGGCCATGCATCACATCTAATGCTTACAGTTCTCAGGGAATCCAGAGC  
 ACAGAAGTACAGGATCACTGAAGCTATGTTCTCGTGATTGGTTTTGTACGATGAAGACAGAAAGGGCAG  
 AAGAGATATCCAGTGATGGAGAAGGAAGGCCGAACCCGCTGGCCCTCATCTGCAACAAAAAGTT  
 TGACTATCTTTTGTAGAGATGATGCTGAGACTGACATTTTGAACATGAAAGAACTACTTCAAAATCTT  
 GGATACTCAGTGGTGATAAAGGAAAACCTTACAGCTCAGGAAATGGAGACAGAATTAATGAAGTTTGCTG  
 GCCGTCCAGAGCACCAGTCTCCGACAGCACATTCCTGGTCTTTATGTCCACGGCATCCTGGAAGGAAT  
 CTGTGGGGTGAAGCACAGAAACAAAAGCCAGATGTTCTTCATGATGACACTATCTTACCATTTTCAAC  
 AATTCTAACTGTCCGAGTCTGAGAAACAAACCCAGATTCTCATCATGCAAGCCTGCAGAGGCAGACATA  
 CTGGTACTATTTGGGTATCCACAAGCAAAGGGATAGCCACTGCTGATACAGATGAGGAATGTGTGTTGAG  
 CCATAGATGGAATAATAGTATAACAAAGGCCATGTGGAGACAGATTTCAATTGCTTTCAAATCTTCTACC  
 CCACATAACATTTCTTGGAAAGGTAGGCAAGAGTGGCTCTCTTTCATTCCAAATCATTGACTGCTTCA  
 AAAAGTATTGTTGGTGTATCATTTGGAAGAAATTTCCGAAAGGTTCAATACTCATTGAGGTCCCAGG  
 TGAATGACCCAGATGCCACCATTGAGAGAGTATCTATGACACGCTACTTCTACCTTTCCCTGGAAT  
 TAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_130422
<b>Insert Size:</b>	1263 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_130422.1</a></u> , <u><a href="#">NP_569106.1</a></u>
<b>RefSeq Size:</b>	1302 bp
<b>RefSeq ORF:</b>	1263 bp
<b>Locus ID:</b>	156117
<b>UniProt ID:</b>	<u><a href="#">Q920D5</a></u>
<b>Cytogenetics:</b>	8q11
<b>Gene Summary:</b>	cysteine-aspartic acid protease (caspase); involved with the terminal stage of apoptosis [RGD, Feb 2006]