

Product datasheet for MC205605

Casp6 (NM_009811) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Casp6 (NM_009811) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Casp6
Synonyms:	CASP-6; mCAS; Mch2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC002022
 CGGAGGCCTCAGGGCTAGGACACCGGTGGGAGCTCGCGGGCAGGTGAAAAGTAAAACATGACAGAAACCGA
 TGGCTTACAAAAGTAGGGAAGTGTTTCGATCCAGCCGAGCAGTACAAGATGGACCACAAGAGGAGAGGA
 GTTGCCCTCATCTTCAATCACGAGAGGTTCTTTTGGCACCTGACCCTCCCAGAGAGGCGGGGCACCAACG
 CAGACAGAGACAACCTGACTCGCAGGTTTTTCAGATCTAGGATTTGAAGTAAAATGCTTTAACGACCTCAG
 AGCAGAAGAACTCCTGCTCAAAATTCACGAGGTGTCGACTTCAAGCCACATAGATGCCGATTGCTTCATC
 TGTGTCTTCTGAGCCACGGGAAGGCAACCACGTTTACGCATACGACGCCAAAATTGAAATTCAGACGT
 TGACTGGCTTGTCAAAGGAGACAAATGTCAGAGCCTGGTTGAAAACCCAAGATATTTATCATCCAGGC
 CTGTCGGGGCAGCCAGCATGACGTACCTGTGGTCCCCTGGACGTGGTGGATCACCAGACAGACAAGCTG
 GACAACGTGACCCAGGTGGATGCTGCGTCTGTGTACACGCTGCCGGCAGGGGCAGACTTCCTCATGTGCT
 ACTCTGTGCGAGAAGGTATTACTCTCACCGAGAACTGTGAATGGCTCCTGGTACATTCAGGATTTGTG
 TGAGATGCTGGCGAGGTACGGCAGTTCCTTGGAGTTCACGGAGCTGCTCACGCTGGTGAACAGAAAGGTC
 TCTCAGCGCCGCGTGGACTTCTGCAAAGACCCGGATGCAATCGGCAAGAAGCAGGTGCCCTGCTTCGCCCT
 CAATGCTGACCAAAAAGCTGCATTTCTGTCCCAAACCTAGCAAGTAGGGCCATCTGTCTTGTACTATATA
 TTTACACACATTTCCCTTTTTATACAAAGGCCAGCTGGTGGAAAGACTTTACCCATCAATGTAAACTGC
 TTCAATTTGTAGATGCCATAGAAAAGTAAATGTTTTATATTTGTTACTTTTCAATCATGTTGGACGTGGT
 GGAAGGGCTAAAATAATCCTCAGGAAATTAATGTTTATATTTGTTACTTTTCAATCATGTTGGACGTGGT
 AAAGTAAAGATTACTCTAAATACCAACTACTTTGCTCCCTTTTGTGACTGTTTATATGAGTTTAC
 TGTATAATGTTTGTAAAGACTTTTGAAGCTCTAGACTGAGATTGTTTTCGCGTAATAAAATGTCTAAGAA
 CTCATAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_009811
Insert Size:	831 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:	BC002022 , AAH02022
RefSeq Size:	1281 bp
RefSeq ORF:	831 bp
Locus ID:	12368
UniProt ID:	O08738
Cytogenetics:	3 G3
Gene Summary:	This gene encodes a member of the cysteine proteases that plays important roles in regulating apoptosis and neurodegeneration. The encoded protein is involved in the transmission of pain and axonal degeneration. Genetic deletion of this gene in mice results in the delay of axon pruning and protects from axon degeneration. [provided by RefSeq, Apr 2015]