

Product datasheet for RN205547

Casp2 (NM_022522) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Casp2 (NM_022522) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Casp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205547 representing NM_022522 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCGTCGAGCGGGAGGTCTCAGTCTTCCCTGCACAGGAAGGGGCTGATGGCGGCTGACAGGAGGA
GCAGGATTTTGGCAGTGTGTGGAATGCATCCTGACCATCAGGAACTCTGAAAAAGAATCGAGTGGTGCT
GGCCAAACAGCTGCTGCTGAGCGAACTGTTAGAACATCTCCTAGAAAAGGACATTATCAGTTTGGAAATG
AGGGAGCTAATCCAGGCCAAAGGGGCGAGTTTCAGCCAGAATGTGGAACCTCCTCAACCTGCTGCCAAAGA
GAGGACCCAGGCTTTTGTGCCTTCTGTGAAGCCCTGCGGGAGACCAGGCAGGGTCACTTGAAGACTT
ACTGCTCACAAACCCTCTGTATCCAGCACATACTCCCACCGTTGAGCTGTGACTATGACTCAAGTCTC
CCCTTCTCGGTGTGTGAGTCTGCCCTCCTCACAAGCAGTCCCGCCTATCCACAGATACTATGGAACACT
CCTTAGATAATGGTGATGGTCCCTGTCTTCAGGTGAAGCCATGCACTCCTGAGTTTTACCAGGCACA
CTACCAGCTGGCCTATAGGTTGCAGTCTCAGCCTCGTGGCTTGGCACTGGTGATGAGTAATGTGCACTTC
ACTGGAGAGAAAGACCTGGAATTTGCTCCGGAGGGGATGTGGACCACACTACTAGTCACCCTCTTCA
AGCTTTTGGGCTACAATGTCCATGTGCTGTATGACCAGACTGCACAGGAAATGCAAGAGAAACTTCAGAA
TTTTGCACAGTTACCTGCACACCGGTCACAGACTCCTGCATAGTAGCACTCCTCTCACATGGTGTGGAA
GGTGGCATCTACGGGGTGGATGGCAAATGCTTACAGTCCAAGAGGTTTTTCGACTTTTTGACAATGCTA
ACTGTCCAAGTCTACAGAACAACCAAAAATGTTCTTCAATCCAAGCATGTCGTGGAGATGAGACAGATAG
AGGGGTTGACCAGCAAGATGGAAGAACCATGCACAATCCCTGGATGTGAGGAGAGTGTGCTGGCAAG
GAGGAATTAATGAAGATGAGACTTCTACTCGCTCAGACATGATATGTGGCTATGCTTGCCTAAAGGCA
ATGCTGCCATGCGGAATACCAAACGGGGTTCCTGGTACATTGAGGCCCTCACTCAGGTGTTCTCTGAGAG
AGCTTGTGACATGCACGTGGCCGACATGCTTGTAAAGGTGAATGCCCTTATCAAGGAGCGTGAAGGCTAT
GCCCTGGTACAGAATTCACCGATGCAAGGAGATGTCTGAGTACTGTAGTACTGTGCCAGCAGCTCT
ACCTGTTCCAGGCTACCCACCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_022522
Insert Size:	1359 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_022522.2</u> , <u>NP_071967.2</u>
RefSeq Size:	3365 bp
RefSeq ORF:	1359 bp
Locus ID:	64314
UniProt ID:	<u>P55215</u>
Cytogenetics:	4q24
Gene Summary:	may play a role in proteolysis and programmed cell death [RGD, Feb 2006]