

Product datasheet for **RN214811**

Maged1 (NM_053409) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Maged1 (NM_053409) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Maged1
Synonyms:	Nrage
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214811 representing NM_053409
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCAGAAACCGACGGCGGTGCAGGCCTCCGCGCTTCCAGGCAGAGGCCTCTGTAGAAGACAGCG
 CCTTGCTTGTGCAGACCTTGATGGAAGCCATCCAGATCTCCGAGGCTCCGCCACCAGCCAGGCCACAGC
 AGCTGCCAGTGGGCCGAATGCTAGTCCCCAGAGTTCACAGCCCCAACTGCCAATGAGAAGGCTGATACT
 GAGGTTTCAGCAGCTGCTGCCAGGCCTAAGACAGGCTTTAAGGCCAGAATACCACCACAAAGGGCCAA
 ATGATTACTCTCAGGCACGTAATGCCAAGGAGATGCCAAGAATCAGCCTAAGGTGGCCTTTAAGTCACA
 GAATGCCACCTCTAAAGGTCCACATGCTGCCTCTGATTTTTCCCATGCAGCATCCACAGGCCAAATCAGCA
 GCTAAAAAGTCTGAAATGGCCTTAAGGGTCAGAATACCACTACTAAGGCTGGCCCCAGTGCCACCTACA
 ATTTCACTCAGTCTCCAGTGCCATGAGATGACCAACAACCAGCCTAAGACAGCTAAGGCTTGGAAATGA
 CACCCTAAGATCCCTGGAGCTGATGCCAGACCCAGAATGTAACCAGGCCAAAATGGCTGACGTAGGG
 ACCAGTGCAGGTATCTCTGAAACTGACGGTGCAGCAGCCAGACCTCAGCAGATGGCTCCAGGCTCAGA
 ATGTGGAGTCCCGGACTATAATTCGGGGCAAGAGGACCCGAAGATTAATAACTTGAATGTGGAAGAGAA
 CAGCAATGGGGACCAAAGGCGTGCCTCGCTGGCTTCCGGAACTGGAGGTCTGCTCCGGTCCAGTAACC
 ACTCAGAACCCACCTGGCGCACCCCTAATGTGCTGTGGCAGACACCACTGGCTTGGCAGAACCCATCAG
 GCTGGCAAACAGACAGCCAGGCAGACCCACCAGCAGTCCAGAGTCCCCAGCTAGGCAGACACCATC
 AGCTTGGCAGAACCCCGTTGCATGGCAGAATCCAGTGTCTGGCCTAACCCAGTGTCTGGCAGAATCCA
 GTGATCTGGCCAAACCCATTGTCTGGCCTGGCCCAATTGTCTGGCCAAACCCAAATGGCTGGCAGAGTA
 CACCTGGATGGCAGACCCACCCAGTTGGCAGGCTCCACCTAGTTGGCAGAGCCCTCAAGATTGGCAAGG
 CCCTCCAGATTGGCAGTTACCACCTGACTGGTCAATGCCTCCTGACTGGTCTTTCCCTCTGACTGGCCT
 TTTCCACCTGACTGGATCCCTGCCGACTGGCCAATTCCACCCGACTGGCAGAACTTACGACCCTCACCTA
 ATCTGAGATCCTCCCCAACTCTCGTGCCTCACAGAACCAGGTCCTCCACAGCCCCGAGATGTGGCCCT
 TCTTCAGGAAAGAGCAAATAAGCTGGTCAAGTACTTGATGCTTAAAGACTACACGAAGGTGCCCATCAAG
 CGCTCAGAAATGCTGAGAGATATCATCCGAGAATACACTGATGTTTATCCAGAAATCATTGAACGCGCAT
 GCTTTGCTCTGGAGAAGAAATTTGGAATCCAGCTCAAGGAAATCGACAAAGAAGAGCATCTGTATATCCT
 CATCAGTACCCCTGAATCCCTGGCTGGCATACTGGGAACGACCAAGACACCCGAAGCTAGGCCTCCTC
 TTAGTGATTCTGGGCATTATCTTCATGAATGGCAACCGTCCACTGAGGCCGCTCCTTGGAAGCACTGC
 GCAAGATGGGACTACGCTCCTGGGTGAGACATCCCTCCTTGGCGATCTGAGGAACTTCTTACTTACGA
 GTTTGTAAGCAGAAATACCTGGACTACAGACGAGTGCCCAACAGCAACCCTCCTGAGTATGAGTTCCTC
 TGGGGCTCCGCTCCTACCATGAGACTAGCAAGATGAAAGTGTGAGATTCATTGCAGAGGTTTCAAGA
 GAGACCTCGTACTGGACTGCACAGTTCATGGAAGCTGCAGATGAAGCCTTGGATGCTCTGGATGCTGC
 TGCAGCTGAGGCAGAGGCCCGGGCCGAAGCAAGAAACCGCATGGGGATTGGAGACGAGGCTGTGTCTGG
 CCCTGGAGCTGGGATGACATTGAGTTTGGCTGCTGACCTGGGATGAGGAAGGAGATTTGGAGATCCTT
 GGTCCAGGATCCCCTTTACCTTCTGGCCAGATACCACCAGAATGCCCGCTCCAGGTTTCCCAGGCCTT
 TACCGGCCCATCATTGGCCCCAGCGGCACTGCCACCGCAACTTCGCCGCAACTTCGGTGCCATTGGC
 TTCTTCTGGGTTGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053409
Insert Size: 2328 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:	NM_053409.2 , NP_445861.1
RefSeq Size:	2695 bp
RefSeq ORF:	2328 bp
Locus ID:	84469
UniProt ID:	Q9ES73
Cytogenetics:	Xq22
Gene Summary:	interacts with the p75 neurotrophin receptor; involved in mediating nerve growth factor-dependent apoptosis via a JNK-dependent pathway [RGD, Feb 2006]