

Product datasheet for **RN215656**

Mapk8ip1 (NM_053777) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mapk8ip1 (NM_053777) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mapk8ip1
Synonyms:	Jip-1; JIP1; Mapk8ip
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215656 representing NM_053777
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACTGGTACTGAAGATGGATTCGAGCCCAGACAATGACAGCTGGTTGGAGGATCAGTGGGAACGCT
 GGCTACCCATGATATCAGCCTGGAGGAGTTGAGGATGAAGACCTTTCGAGATCACTGATGAGTGG
 CATCAGCCTGCAGTGCAAAGACACCTTGTCTCTCCGGCCCCGCGCGCCGGGCTACTGTCTGCGGGTAGC
 AGCGGTAGCGCGGGGAGCCGGCTGCAGGCGGAGATGCTGCAGATGGACCTGATCGACGCGCAAGTGACA
 CTCGGGGCGCGAGGACGACGAAGAGGACGACGACGAGCTCGCTGCCAACGGCCAGGAGTGGGGCTTC
 CAAAGCCGAGTCTGGCCAGGAGCCGGCTCTCGCAGCCAGGGTCAGGGCCAGGGCCCCGGCACAGGCAGC
 GGAGACACCTACCGGCCAAGAGGCCTACCACGCTCAACCTTTTCCGCGAGGTGCCGCGTCTCAGGACA
 CGCTGAATAATAACTCTTAGGCAAAAAGCACAGTTGGCAGGACCGTGTGTCTCGATCATCTCCCTCT
 GAAGACAGGGGAGCAGACGCCTCCACATGAACATATCTGCCTGAGTGATGAGCTGCCGCCAGGGCAGT
 CCTGTTCCACCCAGGATCGTGGCACTTCCACCGACAGCCCTTGTGCGCTACTGCAGCCACCCAGATGG
 CACCTCCAAGTGGTCCCCCTGCCACTGCACCTGGTGGCCGGGGCCACTCCATCGAGATCGAATCCACTA
 TCAGGCAGATGTGCGGCTCGAGGCGACTGAGGAGATCTACCTGACCCAGTGCAGAGGCCCCAGACCCCT
 GCAGAACCACCTCCACCTTCTTGCACCCACTGAGAGCCGGATGTCTGTGAGCTCGGATCTCGACCCCTG
 CCGTTACTCTGTAAGTGCAGGGCGACCGACCCCTTCCATCAGTGAAGAGGATGAGGGCTTCGACTGTCT
 GTCATCCCCAGAGCAAGTGCAGCCACAGGTGGAGGGTGGCGGGGAAGCCTCGGGGAGCCACCACCGCT
 CCACGGGCTCACTGAGCTCGGACACCAGCGCACTGTCTACGACTCTGTCAAGTACACACTGGTGGTGG
 ATGAGCATGCCAGCTTGAAGTGGTGGAGCTGCGGCCATGTTTTGGAGATTACAGTGACGAAAGCGACTC
 TGCCACTGTCTATGACAACTGTGCCTCTGCCTCCTCGCCCTACGAGTACGCCATTGGTGAGGAATATGAG
 GAGGCCCTCAACCCCGCCTCCACCTGCCTGTGAGGAGTCCACACCGGATGAGCCTGACGTCCACT
 TCTCTAAGAAGTTTCTGAATGTCTTATGAGTGGCCGCTCTCGTTCTCCAGTGCAGGAGTCTTTGGGCT
 GTTCTCTGTGTCATCAATGGGGAGGAGCATGAGCAAACCCATCGGGCTATATTCAGGTTTGTGCCTCGG
 CATGAAGATGAAGTGGAGTGGAGCACCCTCTGCTGGTGGAGTGCAGGCAGAAGACTATTGGT
 ATGAGGCTATAACATGCGCACTGGAGCCCGTGGTGTCTTTCCTGCCTACTATGCCATTGAGGTACCAA
 GGAGCCTGAGCACATGGCAGCCCTTGCAAAAACAGCGACTGGATTGACCAGTTCGGGTGAAGTTCCTG
 GGCTCTGTCCAGTTCCTTATCACAAGGGCAATGATGTCTCTGTGCTGCTATGCAAAAGATCGCCACCA
 CCCGCCGCTCACCGTCACTTTAACCCGCCCTCCAGCTGTGCCTTGAATCAGCGTTAGGGGTGTCAA
 GATAGGTGTCAAAGCTGATGAAGCTCAGGAGGCCAAGGGAAATAAATGTAGCCACTTTTTCCAGTAAAA
 AACATCTCTTTCTGTGGTACCATCAAAGAACAACAAGTACTTTGGGTTTATCACTAAGCACCTGCTG
 ACCACCGTTTGCCTGCCATGTCTTTGTGTCTGAAGATTCACCAAAGCCCTGGCAGAGTCTGTGGGGCG
 TGCATTCAGCAGTCTACAAGCAATTTGTGGAATATACCTGTCTACAGAAGATATCTACTTGGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053777
Insert Size: 2100 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_053777.1</u> , <u>NP_446229.1</u>
RefSeq Size:	3003 bp
RefSeq ORF:	2100 bp
Locus ID:	116457
UniProt ID:	<u>Q9R237</u>
Cytogenetics:	3q24
Gene Summary:	may play a role in the SAPK mediated stress-induced cellular responses [RGD, Feb 2006]