

Product datasheet for **MC204308**

Mapk8ip2 (NM_021921) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mapk8ip2 (NM_021921) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mapk8ip2
Synonyms:	3230402N03Rik; A1847694; AW049958; IB2; Jip2; R75148
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC029704
 GGGGAGACAGAGGCCGCGAGCCTGAGCACCAGGGCGCGGTGCTCCTCACCCCTCCCCCTCGCTGCCG
 GCCGGCGGTTCCAGGGAAGATGGCGGATCGCGCGGAGATGTTTTCTCTCCACCTTTACTCGCTGTCG
 CCTCCCGCTGCAGGCCCTCCCAGGACATAAGCCTGGAAGATTTGATGATGAAGACCTGTCTGAGATCA
 CGGACGACTGTGGCCTGGGCCTTAGCTACGACTCGGACCACTGTGAGAAGGACAGTCTCTCTGGGCCG
 CTCGGAGCAGCCACACCTATTTGTTCTTCCAAGATGATTTCCAGGAGTTTGAGATGATCGACGACAAC
 GAGGAGGAGGACGATGAGGAGGAGGAGGAAGAGGAGGAAGAGGAGGAAGATGGAGATAGGCAGGGCAAAG
 CAGGGGGAGGGCCTGTTTACAGGCACTTGTGGAGACTCCCTTATTCCCTCTCCTTCCCTAGAAGAGTC
 CCAAGCTCCGACCCACCACTCTCCATCTGACTACACTTGGAGCACAGGACTCTCTGAATAACAACAAC
 GGAGGCTTTACCTCTGCACCCCCATCCTCTGGCAGGAGACTGTGCTGCGTTTCGCCAGCCAGGAGCCCC
 TTAAGAGCTACCAGCCCTCTCCTGCCAGCAGAAGAGGAGCGCCATGAAGTACAGTCCCTTGCACGCC
 TGGTTGTGACTGTGAAGGAACAGCCCCAGAGCCACCAGCATCATCAGGTGGGGCCTCCCCTTCTCG
 GATCCTGGTATTGAGGCTGACTTGAGAAGCCACTAGTGGAGGCCACGAGGGTCGGCGAAGCAGTCAGG
 AGCTCTCATCACCAGGCTCGGACTCTGAGGATGCAGGCGGCGCTCGCTAGGGCGCATGATCTCGTCCAT
 TTCGGAGACAGAGCTGGAACCTAGCAGCGACGGTGGCAGCAGCAGTGGCCGCTCATCACATCTACCAAC
 TCCATCGAGGAGGCTTCTGCCAGCCTCGGAGCCTGAGCCGGAGCCGAGCCACTACATGAACCTCCCC
 GCCGCCCTGCCTTCTGCCTGTGGGCCAGGATGACACCAACAGCGAATACGAGTCGGGCTCTGAGTCTGA
 GCCTGACCTGAGCGAGGATGCTGACTCTCCCTGGCTGCTCAGCAACCTGGTGAGCCGCATGATCTGAG
 GGCTCCTCGCCATTTCGTTGCCCTGGCCAGTGCTTATCTCCTGCCACGCTGCCAGAAGAGGCTGCGT
 CACAGGCCAACTCGGTACCCAGGACTGCCAAGACCCTGAGGCAGGGCCCCACGTGGAGTTGGTGGACAT
 GGACACTCTTTGGGGCCACCTCCGCGGGCGCTGCCGCACCTCGGCTTGGTCCCGCGCAGCCTGGGCC
 TGCCCTTTCTTCTAGTAACCCAACACGGGATACCATCACCCGCTTTGGCCACACCGGGACGCACTGCC
 GCCCTGGCCGCTCCTGCTCTGCTGCTCGGAGGAGGAGGAGGATGAGGAAGAGGACGAGGAGGA
 TGAGGAGGATGCGGAGGACAGCGTGGTTCCCCCTGGCTCCAGGACTACAGGCTCTACTGCCCGCTGGAT
 GCCTCGCTGGTGTACGATGCAGTTAAATACACACTAGTGGTGGATGAGCACACGAGCTAGAGCTGGTGA
 GCCTGCGGCGCTGCGCAGGCTGGGCAACGACAGTGAAGAGGACAGCAGCTGCGAGGCCAGTGTGAAGA
 GGCGGGAGCTACGTTACTAGGCACTGACAGGTCAGAGGATGCTTCTCCTGACAGTCCCGACCTCACC
 TTCTCAAAGAAGTTCTCAATGTCTTTGTCAACAGCAGTCTCGATCCTCCAGCACTGAGTCTTTGGTC
 TTTTTCTCTGTGTGAATGGGAGGAGAGAGCAAACGCACCGGGCTGTCTTCAAGTTCATCCCTCG
 ACATCCGGATGAGCTAGAACTCGATGTGGATGACCCTGTGCTGGTGAAGCAGAAGAGGATGACTTTTGG
 TTTCTGTGGCTTCAACATGCGCACCGGCGAGCGTGGAGTGTCCCTGCCTTCTATGCCATGCGGTACCGG
 GTCTGCCAAGGACCTGCTGGGGAGCAAGCGGAGCCCGTCTGGTGGATCGCTTTCGATGTGCAGTCTT
 GGGCTCCGTGGAGGTACCGTGTACCAGGGCAATGGGATCCTGTGTGCAGCCATGAAAAGATTGCCACA
 GCCCGAAACTAACGGTCCACCTGCGCCCTCTGCCTTCTGTGACCTTGAGATCTCTCGCGGGGGTCA
 AGCTGAGTCTCAGTGGAGGAGGACCTGAGTTCAGCGCTGCAGCCACTTCTCCAGATGAAGAATCTC
 ATTCTGTGGTGTATCCCCGAAACAGCTGCTATTTTGGCTTCTATCACCACACCCCGCTGCTAAGCCGC
 TTTGCCTGCCACGCTTTGTGTCCAGGAGTCTATGAGACCAGTGGCGGGAGTGTGGGCCGGCCCTTCC
 TGGAGTACTACCAGGACCTGGCGTTTGCCTGCCCTACAGAGGATATCTACCTGGAGTGCAGCCACC
 TCCCTCAGTCCCATCTACACAGCTCTGAGTATCTCAAGGCCACTGTGGCTTGGCAAGGACTGGATCGG
 GGACATTTGGAACCTTACGTTGTGGGAGTCTCTGGGCTGGGAACCTTTCTCCTTTATCCCCAGGTATGG
 CTTTTGGGAGCTGTTTGGGAGAGGAGCCTCAGCAGCCATATTTTTCTTCCGATGCATCTTTCCCTCCTC
 TGTCTCATTTGTCCCGTCCCTCCGACGGCCTTCTCTGTCTCTCGCCCCCTCTGTGCCTGTAGAC
 CTTGCTCTTTGCTCTCTTTGGGAGGCAGAACTTTGAGGAGGGGAGTAGGCTCAAGGTAACCGATGAA
 GTCAGGTTCCCTCCAGTGGTCCCTCCTGCCCTTCTTGTGATTTATAAATGAATTTTAAATTTTATAG
 TGAATCTCAAGGGATCGTCCCACCTTTGATCACAGGAAGGATCCTAGCCCCAAACTCACAGGAGCTC
 GGAAGGAGGGGAGAGGGGTTTCTAAGAGAACCTTAGGATAACTAGGTGGTCTTGTGCTCACCCAAA
 GCCCCCAATGCTGCTAGGAGGAGGGCACCCCAAAGGTGCTCCACAGGCCATCTGCTTTTGGCGCTA
 ACACCCCTTCACTCCAGCGAGTATCTGCCCTGCGTGTGCCACCTGCTGTGTACGTGGGCCCGCCCCCA
 CGGCATCAATAAACTCTGCTTGGTGTGAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN:	NM_021921
Insert Size:	2493 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:	BC029704 , AAH29704
RefSeq Size:	3332 bp
RefSeq ORF:	2493 bp
Locus ID:	60597
UniProt ID:	Q9ERE9
Cytogenetics:	15 E3
Gene Summary:	The JNK-interacting protein (JIP) group of scaffold proteins selectively mediates JNK signaling by aggregating specific components of the MAPK cascade to form a functional JNK signaling module. JIP2 inhibits IL1 beta-induced apoptosis in insulin-secreting cells (By similarity). [UniProtKB/Swiss-Prot Function]