

Product datasheet for **RN210369**

Mapk12 (NM_021746) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mapk12 (NM_021746) Rat Untagged Clone
Tag: Tag Free
Symbol: Mapk12
Synonyms: Sapk3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210369 representing NM_021746
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCTCCCGCCACCCGCCCGCAAGGGCTTTACCGCCAGGAGGTGACCAAACGGCCTGGGAGGTGC
GCGCCGTGTACCAGGACCTGCAGCCCGTTGGCTCTGGTGCCTATGGTGCAGTGTGCTCTGCAGTAGACAG
CCGCACTGGCAACAAGGTGGCCATCAAGAAGTTGTACCGCCCTCCAGTCGGAGCTGTTTGCCAAGCGC
GCCTACAGAGAGTTGCGCCTCCTCAAACACATGCGCCACGAGAAGCTCATTGGGCTGCTGGATGTGTCA
CTCCCGATGAGACTCTGGATGACTTCACAGACTTCTACCTGGTGTGCCATTCATGGGCACTGACCTGGG
CAAGCTCATGAAGCAGGACTCTGAGTGAAGACAGAATCCAGTTTCTGTGTATCAGATGCTGAAGGGG
CTGAAGTATATCCACGCTGCCGGCGTATCCACAGGGACTTGAACCTGGAAACCTGGCTGTGAACGAGG
ACTGTGAGCTGAAGATCCTAGATTTTGGCCTTCCAGGCAGGCGGACAGTGAAGTACAGGATATGTGGT
AACCCGGTGGTATCGGGCACCAGAGGTCATCTTGAATTGGATGCGTTACACACAGACAGTGGACATTTGG
TCTGTTGGCTGCATCATGGCAGAGATGATTACTGGAAGATCCTGTTCAAAGGCAATGACCACCTGGACC
AGCTGAAGGAGATCATGAAAGTCACAGGGACACCCCTCCTGAGTTTGTACAGAAGCTACAGAGTGCTGA
GGCCAAGAATAACATGGAAGCCCTCCCTGAGTTGGAAAAGAAGGATTTTGTCTGCTGACCAATGCA
AGCCCTCAGGCCGTGAATCTCCTGGAAAAGATGCTGGTGTGGATGCGGAACAGCGGGTGACAGCAGCTG
AGGCATTAGCCCACCATACTTTGAGTCCCTTCGGGACACTGAGGATGAGCCCAAGGCCAGAAATATGA
TGACTCCTTTGATGACGTAGACCGCACCTTGAGGAATGGAAGCGTGTACGTATAAGGAAGTGCTCAGC
TTCAAGCCTCCAGGCAGCTAGGAGCCAGAGTTCAAAGGAGACAGCTCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_021746



Insert Size:	1104 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_021746.1</u> , <u>NP_068514.1</u>
RefSeq Size:	1665 bp
RefSeq ORF:	1104 bp
Locus ID:	60352
UniProt ID:	<u>Q63538</u>
Cytogenetics:	7q34
Gene Summary:	kinase activated by cellular stresses, bacterial endotoxin and inflammatory cytokines [RGD, Feb 2006]