

Product datasheet for RN213392

Mapk14 (NM_031020) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mapk14 (NM_031020) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mapk14
Synonyms:	CRK1; CSBP; Csbp1; Csbp2; CSPB1; Exip; Hog; Mxi2; p38; p38alpha; p38Hog; Prkm14; Prkm15; RK; Sapk2A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213392 representing NM_031020 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGCAGGAGAGGCCACGTTCTACCGCAGGAGCTGAACAAGACCGTCTGGGAGGTGCCCGAGCGAT
ACCAGAACCTGTCCCGGTGGGCTCGGGAGCCTACGGCTCGGTGTGTGCTGCTTTTGATACAAAGACGGG
ACATCGTGTGGCAGTGAAGAAGCTGTGAGACCGTTTCAGTCCATCATTACGCCAAAAGGACCTACAGG
GAGCTGCGGCTGTGAAGCACATGAAGCACGAGAATGTGATTGGTCTGTTGGATGTTTTACACCTGCAA
GGTCCCTGGAGGAATCAACGATGTGTACCTGGTGACCCATCTCATGGGGCAGACCTGAACAACATCGT
GAAGTGTGAGAAGCTTACCGATGACCACGTTTCAGTTTCTATCTACCAGATCCTGCGAGGGCTGAAGTAT
ATACACTCGGCTGACATAATCCACAGGGACCTAAAGCCCAGCAACCTCGCTGTGAATGAAGACTGTGAGC
TGAAGATTCTGGATTTTGGGCTGGCTCGGCACACTGATGACGAAATGACCGGCTACGTGGCTACCCGGTG
GTACAGAGCCCCGAGATTATGCTGAATTGGATGCACTACAACCAGACAGTGGATATTTGGTCCGTGGGC
TGCATCATGGCTGAGCTGTTGACCGAAGAACGTTGTTTCTGGTACAGACCATATTAACAGCTTCAGC
AGATAATGCGTCTGACGGGGACACCCCTGCTTATCTCATTAAACAGGATGCCAAGCCATGAGGCAAGAAA
CTACATTCAGTCTCTGGCCAGATGCCGAAGATGAACTTCGAAATGATTTATTTGGTGCCAATCCCTTG
GCTGTGACCTGCTGAAAAGATGCTGGTTTTGGACTCGGATAAGAGGATCACAGCAGCCCAAGCTCTTG
CGCATGCCTACTTTGCTCAGTACCACGACCTGATGATGAGCCAGTGGCTGACCCCTATGACCAGTCCTT
TGAAAGCAGGGACCTCCTTATAGACGAATGGAAGAGCCTGACCTACGATGAAGTCATTAGCTTTGTGCCA
CCGCCCTTGACCAAGAAGAAATGGAGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_031020
Insert Size:	1083 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_031020.2 , NP_112282.2
RefSeq Size:	3452 bp
RefSeq ORF:	1083 bp
Locus ID:	81649
Cytogenetics:	20p12
Gene Summary:	mitogen-activated protein kinase; involved in intracellular signalling, inhibition of apoptosis and gene activation [RGD, Feb 2006]