

Product datasheet for RN201323

Mapkapk5 (NM_001025761) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mapkapk5 (NM_001025761) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mapkapk5
Synonyms:	MGC116327
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201323 representing NM_001025761 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGATGATGGAAGGGGGCGAGCTGTTTCACAGAATCAGCCAGCACCCGGCACTTTACAGAGAAGCAAG
CCAGCCAAGTAACAAAGCAGATAGCCCTGGCTCTACAGCACTGCACTTGCTAAACATTGCGCACAGAGA
CCTCAAGCCTGAAAATCTGCTTTTCAAGGATAACTCTTTGGACGCCCTGTGAAGTTATGTGACTTTGGG
TTTGCTAAAGTTGACCAAGGTGATTTGATGACGCCCCAGTTTACCCTTACTATGTAGCACCTCAGGTAC
TGAAGCAGAGAAAGGACCAGAAAGGAGAAGTCTGGCCTCATCCCTACCTCGCCAACGCCCTACTTTA
CAACAAGAGCTGTGACTTGTGGTCCCTCGGGGTGATAATTTATGTGATGCTATGCGGATACCCCTCTTTT
TACTCCAAACACCACAGTCGGACCATCCCAAAGGACATGCGGAAAAAGATCATGACAGGGAGTTTGTGAGT
TCCCGGAGGAAGAGTGGAGCCAGATCTCAGAGATGGCCAAAGACGTGGTGAGGAAGCTTCTAAAGGTCAA
ACCAGAGGAAAGACTCACAATCGAGGGGGTGTGGACCATCCCTGGCTCAACTCGACAGAGGCCCTGGAT
AATGTGCTACCCTCTGCTCAGCTGATGATGGATAAGGCAGTGGTGCAGGGATCCAGCAGGCTCATGCCG
AGCAGCTGGCAAACATGAGGATCCAGGACCTCAAAGTCAGCCTCAAACCCCTGCACCTGTGAACAACCC
CATTCTGAGGAAGAGGAAGCTACTGGGCTCCAAGCCAAAGGATGGTGTATATCCACGACCATGAGAAT
GGAGTCGAGGATTCAAATGTTGCCTTGGAAAAGCTTCGCGATGTCATTGCCAGTGCATCCTTCCCAGG
CTGGTAAAGGAGAGAATGAAGATGAGAAGCTCAATGAGGTAATGCAGGAGGCCTGGAAGTACAACCGGGA
GTGCAAACCTCTGCGGGACGCGCTGCAGAGTTTTAGCTGGAATGGTCGTGGATTACAGATAAAGTGGAC
CGATTAAGCTGGCAGAGGTTGTGAAGCAGGTGATCGAAGAGCAGACCCTTCCCCACGAGCCCCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001025761



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Insert Size:	1119 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_001025761.2, NP_001020932.2</u>
RefSeq Size:	1330 bp
RefSeq ORF:	1119 bp
Locus ID:	498183
Cytogenetics:	12q16