

Product datasheet for **RN201486**

Mapk15 (NM_173331) Rat Untagged Clone

Product data:

| | |
|--------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Mapk15 (NM_173331) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Mapk15 |
| Synonyms: | Erk7 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN201486 representing NM_173331
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGTGCTGCCGAGGTGGACCGTCATGTATCCCAGAGATACCTGATCAAGCGGAGGCTTGGGAAGGGG
 CCTACGGCATTGTATGGAAGGCCATGGACCGGAGGACTGGTGAGGTAGTGCCATCAAGAAAATCTTTGA
 TGCCCTTAGGGACCAGACAGATGCTCAGAGGACCTCCGTAATCATGCTTCTCCGGGAGTTGGGGG
 CATCCCAACATCATCCGCTGCTTGTATGTAATCCCAGCAAAGAATGACAGGGATATTTACCTGGTGTG
 AGTCCATGGACACCGACCTGAACCGGTCATCCAGAAGGGCAGACTGTTGGAGGACATCCACAAACGTTG
 CATCTTTACCAGCTCCTGAGAGCCACCAAGTTTATCCATTACGGGCGGTCATTACCGGGACCAGAAG
 CCAGCCAAACGTTCTATTGGATGTGCTTCCGGGTGAAACTATGTGACTTTGGCTGGCACGCTCCCTCA
 GTGACTTCCCTGAAGGGCTGGGGCCAGGCCCTGACAGAATATGTGGCCACACGCTGGTACCGAGCTCC
 AGAGGTGCTTCTGTCTCCCGATGGTATACCCCTGGGGTGGACATGTGGAGCCTGGGCTGCATACTGGG
 GAGATGCTTCGAGGGCAGCCACTGTTCCGGGTACATCTACTTTCCACCAGCTGGAGCTGATCCTGGAGA
 CCATTCCATTGCCCTCCATGGAGGAGCTCCAGGGCCTGGATCAGACTACAGTGCTTTGATTCTGCAGAA
 TCTTGGATCCAGGCCACGGCAGACGCTGGACGCCCTCCTGCCCGACACCCCCCAGAAAGCCCTGGAC
 CTCCTCAAGCGACTCTTGGCATTGCTCCGGACAAACGGCTTAGTGACAGCAGGCTCTTCAACACCCTT
 ACGTGCAGAGATTCCATTGCCCGACCGGAGTGGACACGGGGTCCGATGTGCGGCTCCCGGTACACGA
 AGGAGACCAGCTCTGACCCAGAGTATCGCAACCGCCTGTACCAGATGATCCTGGAGCGGAGACGGAAC
 AGCCGACGCCCTCGAGAGGAAGACTTGGGGTGTGGCCTCGCGGCAGAGCTCAGGGCTTCCCAGAGGC
 AATCGCTCAAGCCCGGAGTCTCCCCAGGTCTTGGCGGAGACGCTGCGCGGAAACCGCGGACCCAAAC
 TCAGAATGGCCATGGTACGATCCCGAGCATGTGGAAGTTCGACGGCAGAGTTACAGCCCTGTACCAA
 CTTCCGCCCGCAGGCAGCGGGGAAAGGCCCCAGGGGCCACAGGGAGCCACCCTCCGCACCCTCAGGGG
 TGAAGACTCACGTTAGGGCGGTGGCGCCCTCCCTGACTTACAGGCCGCGGCTCAGGCGGCAATCAGCC
 TCTGATCCGCAGTGATCCGGCCCGGGCGGTGGGCCAAGGGCTGTGCGCGCGGACGGGTCCCTTCCCGC
 CTGCCCGGGAGGCCCGGAACCCGACCCGGCCGAAGGATGTTTGGCATCTCGGTCTCGCAGGGGGCCC
 AGGGTGCAGCCAGAGCTGCTCTTGGCGGCTACTCCAGGCCTACGGGACCGTGTGCCGCTCCGCGTGG
 CCGCCTGCCTCTGCTCCCGGACCGGTGCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_173331

Insert Size: 1644 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:

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_173331.2](#), [NP_775453.1](#)

RefSeq Size: 1888 bp

RefSeq ORF: 1644 bp

Locus ID: 286997

UniProt ID: [Q9Z2A6](#)

Cytogenetics: 7q34

Gene Summary: activity; localization, and function is regulated by the C-terminal tail [RGD, Feb 2006]