

Product datasheet for MC204715

Dusp2 (NM_010090) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dusp2 (NM_010090) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dusp2
Synonyms: PAC1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC048696
 CCGCCACACAGACACCGCGCCGCCGGAGCCGAGGGACAGGACATCCGGAAGCAGGAGGCTTTGCGATGCC
 GATCGCCATGGGGCTGGAGACGGCGTGCAGCTAGAGTGCAGCGGCTGGGCGCGTGTGCGGGAGCCG
 CGGGAGGCCGAGCGCACGCTGCTGCTCGACTGCCGCCGTTCTGGCCTTCTGCCGAGCCACGTGCGCG
 CCGCGCGACCGGTGCCCTGGAACGCGCTGCTGCGCGGGCGTGCAGCGGACCCCGCGCTGCCCTCGC
 CTGTCTGTTGCCGACCGCACTCCGGCGCGCTGGGCGCGGGGAGCTGGCCGTGCGTGGTGTG
 GATGAAAGCAGCGCTGTGGCCGAGCTCCCGCGGACGGCCCGCTCACCTGTGCTAGCCGCACTGC
 AGCAGGAGATGCGCGGGGACCCACGACCGTGTGCTTCTTGCAGGGCGGTTTCAAAGCTTCCAGACGTA
 CTGTCCGATCTGTGCTCTGAAGCTCCTGCCAGGCCCTGCCTCTGCTGGGGCCGAAAATAGCAACTCT
 GACCCGAGGTTCCGATCTATGACCAGGTTGGTCTGTGAAATCTTGCCTACCTGTACTTGGGACGT
 GCAACCACTCCTCAGATCTTCAAGGCTGCAGGCTGCGGCATCACAGCAGTTCTCAATGTCTCTGCCAG
 CTGCCCAACCACTTTGAGGGTCTTTTCCATTACAAGAGCATTCCAGTAGAAGATAACCAGATGGTGGAG
 ATAAGTGCTGGTTCCAGGAGGCTATCAGCTTCATAGACTCGGTGAAGAATAGTGGGGCCGGGTGCTGG
 TGCACTGCCAAGCTGGCATCTCTCGCTCAGCCACCATCTGCCTGGCATACTGATTAGAGCCACCGGGT
 ACGGCTGGACGAGGCTTTGACTTTGTTAAGCAACGTGCGGGAGTCACTCCCCAACTTCAGTTTCATG
 GGGCAGCTGTACAGCTGGAGACCCAGGTGCTGTGCTACTGAGGCAAAGCCAGCCTGGCCCCACCACA
 GCTCTGGCTTTGACTGACTCCTGGGGAAAGCTGCTGTGGCCAGCTCCTCCCTCATCTTGGCGTCCC
 ACTGGGGTGTAGGAAATCCAGGATGACAGCTGCTGTGATATGGTGTCTTCTGAGGTGGCATAAGGGCT
 GGCCCTTATTTGCTCTCCCTCCTCGACTGCAGAAATTAATTTAATTAATTTACTATATTAAGC
 CCTTGGTCAACCAAGGGCTCAGAAAACAAGCTGTGACAAGCAGAAACCATGTCTAGGGGTGTGACGCCCT
 TGACCCAAAGCTTAAGCCTTGTGCTCCCAGGGGAGCCAGGAAGTACGCTGTGTGTCATGTTACGGACATC
 TGACTTTTGTGTGTGTGTGTGGGCATCTCGTGTAAATTGGTGTGAAAAGTTATTTGTGTTCAATTGA
 CATTAAACGCTCTCCCCAACTTCTCCCGCCCTGTGGCCAGGGAGGGGCGTTGAAAACAGCACTTT
 ATATTTATATAGAACATTGAGGTTGTGCAATAAAAACAGTGTGTTTGTAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_010090
Insert Size:	957 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:	BC048696 , AAH48696
RefSeq Size:	1616 bp
RefSeq ORF:	957 bp
Locus ID:	13537
UniProt ID:	Q05922
Cytogenetics:	2 F1
Gene Summary:	Regulates mitogenic signal transduction by dephosphorylating both Thr and Tyr residues on MAP kinases ERK1 and ERK2.[UniProtKB/Swiss-Prot Function]