

Product datasheet for **MC214414**

Dusp4 (NM_176933) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp4 (NM_176933) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dusp4
Synonyms:	2700078F24Rik; AI844617; BB104621; E130306H24Rik; MKP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_176933, the custom clone sequence may differ by one or more nucleotides

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ATGGTGACGATGGAGGAAGTGCAGGAGATGGACTGCAGCGTGCTCAAAGGCTGATGAACCGGGATGAGA
ACGGCGGCGGGCGGGCGGGCGGCAACAGCAGCGGCAGCCACGGCGCCTTGGGGCTGCTGAGCGGGCGCAA
GTGCTGCTGCTGGACTGCAGGCCGTTTCTGGCTCACAGCGCGGGCTACATCCGAGGCTCGGTGAACGTG
CGCTGCAATACCATCGTGCAGGCGAGGGCAAGGGCTCCGTGAGCCTGGAGCAGATCCTGCCCGCCGAGG
AAGAAGTGCCTGCCCGCTGCGCTCTGGCCTCTACTCGGCTGTCATCGTCTACGACGAGCGCAGCCCGCG
CGCCGAGAGTCTCCGGGAGGACAGCACGGTGTGCTGGTGTGCGAGCGTTGCGCCGAACGCGGAGCGC
ACGGACATCTGCCTGCTTAAAGGTGGCTATGAGAGTTTTCTTCTGAATACCCAGAATTCTGCTCTAAAA
CCAAGGCCTGGCCGCCATCCCACCCCTGTACCTCCCAGCACCAATGAGTCTTGGACCTGGGCTGCAG
CTCCTGTGGGACCCCGCTGCACGACCAGGGGGCCCTGTGGAAATCCTCCCTTCTCTACCTCGGCAGT
GCCTACCATGCTGCCCGCAGGGACATGTTGGAGCCCTGGGGATCACGGCCCTCCTGAATGTCTCTTCAG
ACTGTCCAATCACTTTGAGGGTCAATACCAGTACAAGTGTATCCCCGTGAAGACAACCACAAGGCCGA
CATCAGCTCCTGGTTCATGGAAGCCATCGAGTACATCGACGCAGTAAAGGACTGTCGAGGGCGAGTGCTG
GTTCACTGCCAGGCCGGCATCTCCCGATCAGCCACCATCTGCCTGGCCTACCTGATGATGAAGAAGCGGG
TGAGGCTGGAGGAGGCTTTTGTGTTTCGTAAGCAGCGCCGAAGCATCATCTGCCCAACTCAGCTTCAT
GGGCCAGTTGCTGCAGTTCGAGTCTCAGGTGCTCACCACGTCTGCGCCGCGGAGGCTGCCAGCCCTTCT
GGGCCCTTTCGGGAGAGGGGAAAGGCCACCCCGACCCCACTCGCAGTTTCGTTTCAGCTTCCCTGTGT
CTGTGGGCGTGCACGCGGCCCCAGTAACCTGCCGTACCTGCACAGCCCATCACCACTCCCCAGCTG
TTAG
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_176933



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Insert Size:	1194 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:	BC118941 , AAI18942
RefSeq Size:	1950 bp
RefSeq ORF:	1197 bp
Locus ID:	319520
UniProt ID:	Q8BFV3
Cytogenetics:	8 A4
Gene Summary:	Regulates mitogenic signal transduction by dephosphorylating both Thr and Tyr residues on MAP kinases ERK1 and ERK2.[UniProtKB/Swiss-Prot Function]