

Product datasheet for **MR209863**

Dusp8 (NM_008748) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp8 (NM_008748) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dusp8
Synonyms:	5530400B01Rik; AI593498; Nttp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209863 representing NM_008748
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGGGGATCGGCTCCCGAGGAAGGTGATGGACGCAAAGAACTGGCCAGCCTGCTCGTGGCGGGC
 CTGGGGGACCCTTGGTCATCGACAGCCGGTCCTTCGTGGAGTATAACAGCTGCCACGTGCTGAGCTCTGT
 GAATATCTGCTGTTCAAAGCTGGTGAAGCGCGCCTTCAGCAGGGAAAAGTGACAATTGCTGAGCTTATC
 CAGCCTGTACACGGAGCCAGGTGGATGCCACAGAACCACAGGATGTAGTGGTGTATGACCAGAGCACAC
 GAGATGCCAGCGTCTGGCAGCAGACAGCTTCTGTCCATCCTGCTCAGCAAGCTGGACGGCTGCTTCGA
 CAGTGTGGCCATCCTCACAGGAGGCTTCGCCACCTTCTCCTCCTGCTTCCTGGCCTCTGTGAGGGCAAG
 CCTGCCACTCTACCGTCCATGAGCCTCTCTCAGCCCTGCCTGCCTGTGCCAGTGTGGCCTGACCCGAA
 TCCTGCCTCACCTCTACCTGGGCTCTCAGAAAGATGTCTTGAACAAGGATCTGATGACCCAAAACGGAAT
 AAGCTATGTCCTCAATGCCAGCAACTCCTGCCCTAAACCGGACTTCATCTGTGAGAGCCGTTTCATGCGT
 ATCCCATCAATGACAACACTGTGAAAAGCTGCCTGCCCTGGCTGGACAAGTCCATCGAGTTTATTGATA
 AAGCCAAGCTGTCCAGCTGCCAAGTCATTGTTCACTGTCTGGCTGGCATCTCTCGCTCTGCCACCATTGC
 CATCGCGTACATCATGAAAACCATGGGCATGTCTTCTGACGACGCATACAGGTTTGTGAAGGATCGGCGC
 CCCTCCATCTCGCCCAACTTCAACTTCTGGGCCAGTTGCTGGAGTATGAGAGGAGTCTGAAGCTGCTGG
 CTGCCCTCGAGACTGATGGACCTCACTTGGGGACCCCTGAGCCCTCATGGGCCCGGCAGCAGGCATCCC
 ACTGCCCCGGCTGCCACCATCTACCTCAGAGAGCGCTGCCACTGGGAGCGAGGCACGCCACCCGAGCCAGG
 GAGGGCAGCCCAAGTGTGGAGGGGATGCTCCGATCCCCAGCACAGCTCCAGCCACCAGCGCGCTGCAGC
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 CCTGGACATCAAGTCGGCCTATGCACCCAGCAGGAGGCCCGACTTCCCGGCCACCCGACCCCGGTGAA
 GCCCGAAGCTCTGCAAGCTGGACAGCCGCTCTGGGGCACACTGGGCCTGCCCTCGCCAGCCAGACA
 GCCCGGACTCCGTTCCAGAGTGCAGCCACGCCCGCCGGCGACGCCCGCCGGCTAGTTCGCTGCCCG
 CTCCCCGCGCATGGTCTGGCCTGAACTTTGGAGACACGGCCCGGCGAGCTCCACGGCACGGCCTCTCG
 GCCCTGTGCGCGCCGGGCTGCCTGGCCCTGGCCAGCCGGCTGGCCCCGGGGGCTGGGTGCCGCCACTGG
 ACTCCCCAGGCACACCGTCGCCCCAGGCCCTGGTGTCTCAGCCCCGAGGGCGCGCAGGGTCCAGGCGC
 TGTGTTCTCCGCCTTTGGCCGGTAAGTGCAGGCGCACCTGGACCCGTAACAGCAGCAGCAGCGGTGGT
 GGTGGTGGTGGTGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG
 GCAGC
 GGATGTGCGGACCGGCTGGCCCCGAGGAGCCTGCTGCAGATGCACAGTTCAAGAGGCGCAGCTGCCAGATG
 GAGTTCGAAGAGGGCATGGTGGAGGGGCGGGCACGTGGCGAGGAGCTGGCAGCCCTGGGCAAGCAAACCA
 GCTTCTTGGCAGCGTGGAGGTCATCGAAGTATCG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_008748.1](#), [NM_008748.2](#), [NM_008748.3](#), [NP_032774.1](#)

RefSeq Size: 2453 bp

RefSeq ORF: 1992 bp

Locus ID: 18218

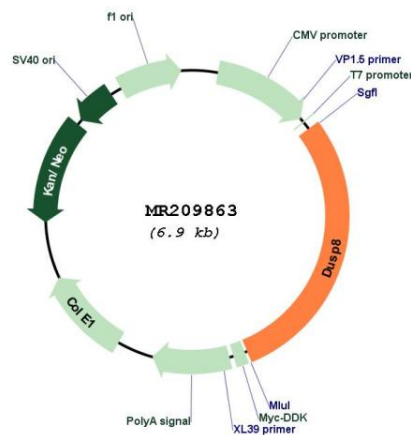
UniProt ID: [O09112](#)

Cytogenetics: 7 87.59 cM

MW: 69.3 kDa

Gene Summary: Has phosphatase activity with synthetic phosphatase substrates and negatively regulates mitogen-activated protein kinase activity, presumably by catalysing their dephosphorylation (PubMed:7561881). Expected to display protein phosphatase activity toward phosphotyrosine, phosphoserine and phosphothreonine residues (Probable). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209863