

Product datasheet for **MC203407**

Dusp8 (NM_008748) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp8 (NM_008748) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dusp8
Synonyms:	5530400B01Rik; AI593498; Nttp1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052705
 CCTCTCCGGCCCTTGCCCCGGCTACGCGGGCCCCGACGGGCCATGGGTGGCGAACGGAGCGGGCGCC
 CTGAGCGCGGCACCGGCGTTGGGGGCAACCCAGGGCAAGCGAGAGCCAGGTCTGGCACCATGCACTAGG
 ATACCCAGAACGCTGCAAGGCCACGCCCTCCTCACTTCAGGGTCACTCTCCCCATTGCCACCACCCCA
 CCATGGCTGGGGATCGGCTCCCAGGAAGGTGATGGACGCAAAGAACTGGCCAGCCTGCTGCGTGGCGG
 GCCTGGGGACCCTTGGTCATCGACAGCCGGTCTTCGTGGAGTATAACAGCTGCCACGTGCTGAGCTCT
 GTGAATATCTGCTGTTCAAAGCTGGTGAAGCGGCGCCTTCAGCAGGAAAAGTGACAATTGCTGAGCTTA
 TCCAGCCTGCTACACGGAGCCAGGTGGATGCCACAGAACCACAGGATGTAGTGGTATGACCAGAGCAC
 ACGAGATGCCAGCGTGGTGGCAGCAGACAGCTTCTGTCCATCCTGCTCAGCAAGCTGGACGGCTGCTTC
 GACAGTGTGGCCATCCTCACAGGAGGCTTCGCCACCTTCTCCTCCTGCTTCCCTGGCCTCTGTGAGGGCA
 AGCCTGCCACTTACCGTCCATGAGCCTCTCAGCCCTGCCTGCCTGTGCCAGTGTGGCCTGACCCG
 AATCTGCCTCACCTTACCTGGGCTCTCAGAAAGATGTCTTGAACAAGGATCTGATGACCCAAAACGGA
 ATAAGCTATGTCCTCAATGCCAGCAACTCTGCCCTAAACCGGACTTCATCTGTGAGAGCCGTTTATGC
 GTATCCCCATCAATGACAATACTGTGAAAAGCTGCTGCCCTGGTGGACAAGTCCATCGAGTTTATTGA
 TAAAGCCAAGCTGTCCAGCTGCCAAGTCATTGTTCACTGTCTGGTGGCATCTCTCGCTCTGCCACCATT
 GCCATCGCGTACATCATGAAAACCATGGGCATGTCTTCTGACGACGCATACAGGTTTGTGAAGGATCGGC
 GCCCTCCATCTCGCCAACTTCAACTTCTGGGCCAGTTGCTGGAGTATGAGAGGAGTCTGAAGCTGCT
 GGCTGCCCTGCAGACTGATGGACCTCACTTGGGGACCCCTGAGCCCTCATGGGCCCGGCAGCAGGCATC
 CCACTGCCCGGCTGCCACCATCTACCTCAGAGAGCGTCCACTGGGAGCGAGGCAGCCACCGCAGCCA
 GGGAGGGCAGCCCAAGTCTGGAGGGATGCTCCGATCCCAGCACAGCTCCAGCCACCAGCGCGTGCAG
 GCAGGGCTGCGTGGCCTGCACCTCTCCTTGACCGCTCCAGGACACCAACCGCCTCAAGCGTTTCTTT
 TCCCTGGACATCAAGTCGGCCTATGCACCCAGCAGGAGGCCGACTTCCCGGCCACCCGACCCCGGTG
 AAGCCCCGAAGCTCTGCAAGCTGGACAGCCCGTCTGGGGGCACACTGGGCCTGCCCTGCCCAGCCAGA
 CAGCCCGGACTCCGTTCCAGAGTCCCGCCACGACCCCGCCGGCGACCCCCCGGCTAGTTTCGCTGCC
 CGTCCCCCGCGCATGGTCTGGGCTGAACTTTGGAGACACGGCCGGCAGACTCCACGGCACGGCCTCT
 CGGCCCTGTCGGCGCCCGGGCTGCCTGGCCCTGGCCAGCCGGCTGGCCCCGGGGGCTGGGTGCCGCACT
 GGACTCCCAGGCACACCGTCGCCCGACGGCCCTGGTGTTCAGCCCCGAGGGCGCGCAGGGTCCAGGC
 GCTGTGTTCTCCGCTTTGGCCGGTAAGTGCAGGCGCACCTGGACCCGTAACAGCAGCAGCAGCGGTG
 GTGGTGGTGGTGGTGGCGGGCGGGCGGGCGGGCGGGCGGGCGGCAGCAGCAGCAACAGCAG
 CAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGTAGTAGTAGTAGTACCTGCGGAGG
 CGGGATGTGCGGACCGGCTGGCCGAGGAGCCTGCTGCAGATGCACAGTTCAAGAGGCGCAGCTGCCAGA
 TGGAGTTCGAAGAGGGCATGGTGGAGGGCGGGCACGTGGCGAGGAGCTGGCAGCCCTGGCAAGCAAAC
 CAGCTTCTCTGGCAGCGTGGAGGTCATCGAAGTATCGTGACCCTTCAGAAGTCCCTGTGCCCTTGCTCCA
 GCCAGGCCAGGTATAAATATATATTATATAAAAAACACAGAAAAGGTAATGGTTTTACTGCAATTTT
 TATCAAGAAGTAAATATTTTCGATTTTTTATTTAAGTAGTGATCTGGCAACTGTGCGGGGCGGCC
 TAAAGCTCTGTTTTACTGTCTGGTATTTAAACTGAAACAGGTTTCTAAGCAATATGAGGCCACCTTCAA
 TCCCAAAGTGGTTGACAGGCCTGGGCCCTCCTTGCCCTCCCTCTGGAAACATTACTGACCTTTCAA
 AGAGCTGCCAGCTTCTGCACTTTTTACATAAGAAAAAAGGGGGGGGAATGAAAAACAAAAAAA AAAAAAAA

- Restriction Sites:** Ascl-NotI
- ACCN:** NM_008748
- Insert Size:** 1998 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:	BC052705 , AAH52705
RefSeq Size:	2600 bp
RefSeq ORF:	1998 bp
Locus ID:	18218
UniProt ID:	O09112
Cytogenetics:	7 87.59 cM
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]