

Product datasheet for **RN213577**

Dusp8 (NM_001108510) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp8 (NM_001108510) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dusp8
Synonyms:	Hb5; M3/6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213577 representing NM_001108510
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGGGGATCGGCTCCCGAGGAAGGTGATGGATGCAAAGAACTGGCCAGCCTGCTGCGCGGGGGC
 CCGGGGGCCCTTTGGTCATCGACAGTCGGTCCTTCGTGGAGTATAACAGCTGCCAGTGCTGAGCTCTGT
 GAACATCTGCTGTTCCAAGCTGGTGAAGAGGCGCCTTCAGCAGGGAAAAGTGACCATTGCTGAGCTCATC
 CAGCCTGCTGCGCAAGCCAGGTGGATGCCACAGAACCACAGGATGTGGTGGTGTATGACCAGAGCACAC
 GAGATGCCAGTGTGCTGGCAGCAGACAGCTTCTGTCCATCCTGCTCAGCAAGCTGGACGGCTGCTTCGA
 CAGTGTGGCCATCCTCACAGGAGGTTTTGCCACGTTCTCCTCCTGCTTCCCTGGCCTCTGTGAGGGCAA
 CCTGCCACCCTACCATCCATGAGCCTCTCTCAGCCCTGCCTGCCTGTGCCAGTGTGGCCTGACCCGAA
 TCCTGCCTCACCTCTACCTGGGCTCTCAGAAAGACGTCTTGAACAAGGATCTGATGACCCAAAATGGAAT
 AAGCTATGTCCTCAATGCCAGCAACTCCTGCCCTAAACCGGACTTCATCTGTGAGAGCCGTTTCATGCGT
 ATCCCATCAATGACAACACTGTGAAAAGCTGCCTGCCCTGGCTGGACAAGTCCATTGAGTTATTGATA
 AAGCCAAGCTGTCCAGCTGCCAAGTCATCGTTCCTGCTGGCTGGCATTTCCTCGCTCTGCCACCATCGC
 CATCGCGTACATCATGAAAACCATGGGCATGTCTTCTGACGACGCATACAGGTTTGTGAAGGATCGGCGC
 CCCTCCATCTCGCCCAACTTCAACTTCTGGGCCAGTTGCTGGAGTATGAGAGGAGTCTGAAGCTGCTGG
 CTGCCCTGCAGAGTATGGACCTCACTTGGGGACCCCTGAGCCCTCATGGGCCCGCAGCAGGCATCCC
 ACTGCCCCGGCTGCCACCATCTACCTCAGAGAGCGCTGCCACCGGGAGCGAGGCAGCCACTGCAGCCAAG
 GAGGGCAGCCCTAGTGTGGAGGGGATGCTCTGATCCCCAGCACAGCTCCAGCGACCAGTGCATGCAAC
 AGGGCCTGCGTGGCCTGCACCTCTCCTCTGACCGCCTCCAGGACACCAACCGCCTCAAGCGCTCCTTCTC
 CCTGGACATCAAGTCGGCCTATGCACCCAGCAGGAGGCCGACTTCCCGGCCACCCGACCCCGGTGAA
 GCCCAAAGCTCTGCAAGCTGGACAGCCGCTCTGGGGCACACTGGGCTGCCCTCGCCAGCCCGACA
 GCCCGACTCCGTTCCAGAGTGCCGCCACGACCCCGCGGCGACGTCCCGGTCAGTTCGCCGGCCCG
 CTCCCCGCTCATGGCCTGGCCCTAAACTTTGGAGACACGGCCCGCAGACTCCGCGGCACGGCCTCTCG
 GCCCTGTGCGCGCCGGGCTGCCTGGCCCTGGTCAGCCGCTCTGGCCCTGGGGGCTGGGTGCCCCACTGG
 ACTCCCCAGGCACACCGTCACCCGACGGACCCTGGTGTCTCAGCCCGAGGGCGCGCAGGGTCCAGGCGC
 TGTGTTCTCCGCCTTTGGCCGGGCGAGCGCAGGCGCACCTGGACCCGGTGTGGCAGCAGCGGTGGCGGC
 GCGGCAGCAGCAGTAGCAGTGTAGCAGCAGCGGCGACCTGCGGCGCGGGATGTGGGACCAGCT
 GGCCCGAGGAGCCTGCTGCAGATGCACAGTTCAAGAGGCGCAGCTGCCAGATGGAGTTTCAAGAGGGCAT
 GGTGGAGGGGCGGGCACGTGGCGAGGAGCTGGCAGCCCTGGGCAAGCAAACCAGCTTCTCTGCGAGCGTG
 GAGGTCATCGAAGTATCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108510
- Insert Size:** 1911 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_001108510.1](#), [NP_001101980.1](#)

RefSeq Size: 2439 bp

RefSeq ORF: 1911 bp

Locus ID: 361679

Cytogenetics: 1q41