

## Product datasheet for **MG215874**

### Dazap1 (NM\_001122605) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dazap1 (NM\_001122605) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Dazap1  
**Synonyms:** 2410042M16Rik; mPrRp  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG215874 representing NM\_001122605  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAACAGCGGGCGCCGACGAAATCGGGAAGCTCTTTGTGGGCGCCTGGACTGGAGTACCACTCAAG  
 AGACTCTACGCAGCTACTTTCCAGTATGGTGAGGTTGTGGATTGTGTCATCATGAAAGATAAAACCAC  
 CAACCAGTCTAGAGGCTTTGGATTTGTCAAGTTTAAAGACCCCAATTGTGTGGGACAGTCTGGCCAGC  
 AGACCACACACCCTAGATGGCCGAAATATCGACCCGAAGCCGTGCACACCTCGGGGATGCAGCCAGAGC  
 GAACACGGCCCAAGGAAGGCTGGCAGAAAGGACCCAGGAGCGACAGCAGCAAATCCAACAAGATCTTTGT  
 CGGGGGCATTCCCACAACCTGCGGGGAGACGGAGCTCAGGGAGTACTTCAAGAAGTTTGGAGTGGTCACA  
 GAGGTGGTTATGATCTATGATGCGGAGAAGCAGCGGCCTCGAGGTTTTGGATTTATTACTTTTCGAGGACG  
 AACAAATCAGTGGACCAGGCTGTCAACATGCATTTTACGACATCATGGGCAAAAAGTGGAGGTTAAACG  
 GGCTGAACCACGGGACAGCAAGAATCAAGCTCCAGGACAGCCAGGAGCCAGCCAGTGGGGCAGCCGCGTG  
 GCGCCAGTGCAGCCAACGGCTGGGCAGGCCAGCCCCGCCCACGTGGCAACAAGGATATGGCCACAAG  
 GAATGTGGGTGCCAGCAGGACAGGCCATTGGTGGCTATGGCCACCCCTGCGGGCAGAGGAGCCCCGCC  
 CCCGCCCCACCCTTACCTCCTACATTGTATCCACACCCGCTGGAGGCTTCCCCCACCACAGGGCTTC  
 CCACAGGGCTATGGCGCCCCACCACAGTTCAGTTTGGCTACGGTCTCCTCCCCACCCCTGATCAGT  
 TTGCCCTCCAGGGTCCCTCCTCCACCTGCCACCCAGGGGTGCCCGCTGGCCCTTCCCACACCTCC  
 GTCTCAGGCTGCCCCAGACATGAGCAAACCCCAACAGCCAGCCGACTTCCCCATGGTCAATATGGT  
 TACGGGACGACTTGAGTGGCTTCGGCCAGGGCTTCTCGACCCAGCCAGCAGCCGCCCTCCTATGGG  
 GCCCTCTGTACCAGGTTTCGGGGGTCCCCCGCTGGCGCAGTGGCTTCGGACGCGGGCAGAACCACAA  
 CGTGCAGGGCTTCCATCCCTACCGGCGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG215874 representing NM\_001122605  
 Red=Cloning site Green=Tags(s)

MNSAGADEIGKLFVGGLDWSTTQETLSYFSQYGEVVDVIMKDKTTNQRSRGGFVKFKDPNCVGTVLAS  
 RPHTLDGRNIDPKPCTPRGMQPERTRPKEGWQKGRSDSSKSNKIFVGGIPHNCGETELREYFKKFGVVT  
 EVVMIYDAEKQRPRGFGFITFEDEQSVDAQVNMHFHDI MGKKVEVKRAEPRDSKNQAPGQPGASQWGSRV  
 APSAANGWAGQPPPTWQQGYGPQGMWVPAGQAIIGYGPPPAGRGAPPPPPFTSYIVSTPPGGFPPPQGF  
 PQGYGAPPQFSFGYGGPPPPDQFAPPGVPPPPATPGAAPLAFPPPPSQAAPDMSKPPTAQPDPFYGYG  
 YGQDLSGFGQGFSDPSQQPPSYGGPSVPGSGGPPAGGSGFGRGQNHNVQGFHPYRR

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001122605

**ORF Size:** 1218 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001122605.1](#), [NP\\_001116077.1](#)

**RefSeq Size:** 2096 bp

**RefSeq ORF:** 1221 bp

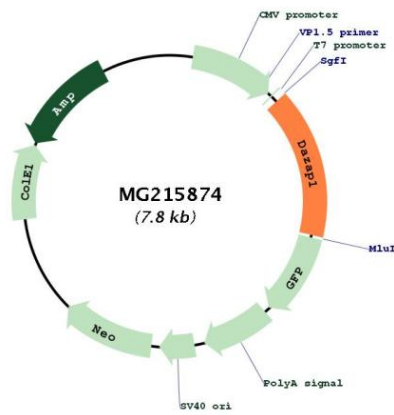
**Locus ID:** 70248

**UniProt ID:** [Q9JII5](#)

**Cytogenetics:** 10 C1

**Gene Summary:** RNA-binding protein, which may be required during spermatogenesis.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG215874