

Product datasheet for **MG206363**

Dazap1 (NM_133188) Mouse Tagged ORF Clone

Product data:

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|---------------------------|-----------------------------------------------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Dazap1 (NM_133188) 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: | >MG206363 representing NM_133188 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACAGCGGGCGCCGACGAAATCGGGAAGCTCTTTGTGGCGGCCTGGACTGGAGTACCACTCAAG
AGACTCTACGCAGCTACTTTCCAGTATGGTGGGTTGTGGATTGTGTCATCATGAAAGATAAAACCAC
CAACCAGTCTAGAGGCTTTGGATTTGTCAAGTTTAAAGACCCCAATTGTGTGGGACAGTGTGCCAGC
AGACCACACACCCTAGATGGCCGAAATATCGACCCGAAGCCGTGCACACCTCGGGGATGCAGCCAGAGC
GAACACGGCCCAAGGAAGGCTGGCAGAAAGGACCCAGGAGCGACAGCAGCAAATCCAACAAGATCTTTGT
CGGGGGCATTCCCACAACCTGCGGGGAGACGGAGCTCAGGGAGTACTTCAAGAAGTTTGGAGTGGTCACA
GAGGTGGTTATGATCTATGATGCGGAGAAGCAGCGGCCTCGAGGTTTTGGATTTATTACTTTTCGAGGACG
AACAAATCAGTGGACCAGGCTGTCAACATGCATTTTACGACATCATGGGCAAAAAGTGGAGGTTAAACG
GGCTGAACCACGGGACAGCAAGAATCAAGCTCCAGGACAGCCAGGAGCCAGCCAGTGGGGCAGCCGCGTG
GCGCCAGTGCAGCCAACGGCTGGGCAGGCCAGCCCCGCCCACGTGGCAACAAGGATATGGCCACAAG
GAATGTGGGTGCCAGCAGGACAGGCCATTGGTGGCTATGGCCACCCCTGCGGGCAGAGGAGCCCCGCC
CCCCCCCCACCTTACCTCCTACATTGTATCCACACCCGCTGGAGGCTTCCCCCACCACAGGGCTTC
CCACAGGGCTATGGCGCCCCACCACAGTTCAGTTTTGGCTACGGTCTCCTCCCCACCCCTGATCAGT
TTGCCCTCCAGGGTCCCTCCTCCACCTGCCACCCAGGGGCTGCCCGCTGGCCCTTCCCACACTCC
GTCTCAGGCTGCCCCAGACATGAGCAAACCCCAACAGCCAGCCGACTTCCCCATGGTCAATATGGT
TACGGGACGACTTGAGTGGCTTCGGCCAGGGCTTCTCGACCCAGCCAGCAGCCGCCCTCCTATGGG
GCCCTCTGTACCAGTTTCGGGGGTCCCCCGCTGGCGCAGTGGCTTCGGACGCGGGCAGAACCACAA
CGTGCAGGGCTTCCATCCCTACCGGCGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206363 representing NM_133188
 Red=Cloning site Green=Tags(s)

MNSAGADEIGKLFVGGLDWSTTQETLSYFSQYGEVDCVIMKDKTTNQRSRGFGFVKFKDPNCVGTVLAS
 RPHTLDGRNIDPKPCTPRGMQPERTRPKEGWQKGPSSDSSKSNKIFVGGIPHCGETELREYFKKFGVVT
 EVVMIYDAEKQRPRGFGFITFEDEQSVQAVNMHFHDMGKKVEVKRAEPRDSKNQAPGQPGASQWGSRV
 APSAANGWAGQPPPTWQQYGPQGMWVPAGQAIIGYGPPPAGRGAPPPPPFTSYIVSTPPGGFPPPQGF
 PQGYGAPPQFSFGYGGPPPPDQFAPPGVPPPPATPGAAPLAFPPPPSQAAPDMSKPPTAQPDPFYQYQ
 YGQDLSGFGQGFSDPSQQPPSYGGPSVPGSGGPPAGGSGFGRGQNHNVQGFHPYRR

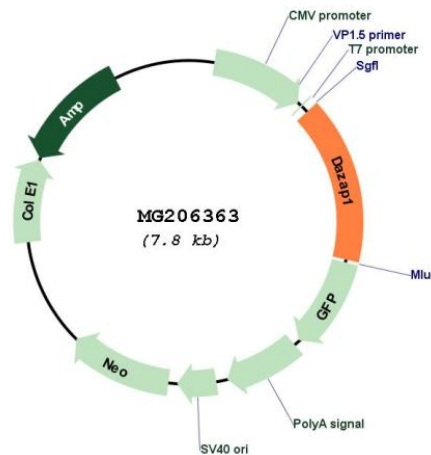
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_133188

| | |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ORF Size: | 2090 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: | <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: | NM_133188.1 |
| RefSeq Size: | 1633 bp |
| RefSeq ORF: | 1218 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] |