

Product datasheet for MR215874

Dazap1 (NM_001122605) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dazap1 (NM_001122605) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dazap1
Synonyms:	2410042M16Rik; mPrRp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR215874 representing NM_001122605 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACAGCGGGCGCCGACGAAATCGGGAAGCTCTTTGTGGCGGCCTGGACTGGAGTACCACTCAAG
AGACTCTACGCAGCTACTTTCCAGTATGGTGAGGTTGTGGATTGTGTCATCATGAAAGATAAAACCAC
CAACCAGTCTAGAGGCTTTGGATTTGTCAAGTTTAAAGACCCCAATTGTGTGGGGACAGTCTGGCCAGC
AGACCACACACCCTAGATGGCCGAAATATCGACCCGAAGCCGTGCACACCTCGGGGATGCAGCCAGAGC
GAACACGGCCCAAGGAAGGCTGGCAGAAAGGACCCAGGAGCGACAGCAGCAAATCCAACAAGATCTTTGT
CGGGGGCATTCCCACAACCTGCGGGGAGACGGAGCTCAGGGAGTACTTCAAGAAGTTTGGAGTGGTCACA
GAGGTGGTTATGATCTATGATGCGGAGAAGCAGCGGCCTCGAGGTTTTGGATTTATTACTTTTCGAGGACG
AACAAATCAGTGGACCAGGCTGTCAACATGCATTTTACGACATCATGGGCAAAAAGTGGAGGTTAAACG
GGCTGAACCACGGGACAGCAAGAATCAAGCTCCAGGACAGCCAGGAGCCAGCCAGTGGGGCAGCCGCGTG
GCGCCAGTGCAGCCAACGGCTGGGCAGGCCAGCCCCGCCCACGTGGCAACAAGGATATGGCCACAAG
GAATGTGGGTGCCAGCAGGACAGGCCATTGGTGGCTATGGCCACCCCTGCGGGCAGAGGAGCCCCGCC
CCCCCCCCACCTTACCTCCTACATTGTATCCACACCCGCTGGAGGCTTCCCCCACCACAGGGCTTC
CCACAGGGCTATGGCGCCCAACACAGTTCAGTTTGGTACGGTCTCCTCCCCACCCCTGATCAGT
TTGCCCTCCAGGGTCCCTCCTCCACCTGCCACCCAGGGGCTGCCCGCTGGCCCTTCCCACACCTCC
GTCTCAGGCTGCCCCAGACATGAGCAAACCCCAACAGCCAGCCGACTTCCCCATGGTCAATATGGT
TACGGGCAGGACTTGAGTGGCTTCGGCCAGGGCTTCTCGACCCAGCCAGCAGCCGCCCTCCTATGGG
GCCCTCTGTACCAGGTTTCGGGGGTCCCCCGCTGGCGCAGTGGCTTCGGACGCGGGCAGAACCACAA
CGTGCAGGGCTTCCATCCCTACCGGCGC

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR215874 representing NM_001122605
 Red=Cloning site Green=Tags(s)

MNSAGADEIGKLFVGGLDWSTTQETLSYFSQYGEVDCVIMKDKTTNQRSRGGFVKFKDPNCVGTVLAS
 RPHTLDGRNIDPKPCTPRGMQPERTRPKEGWQKGPSSDSSKSNKIFVGGIPHCGETELREYFKFGVVT
 EVVMIYDAEKQRPRGFGFITFEDEQSVDAQVNMHFHDMGKKVEVKRAEPRDSKNQAPGQPGASQWGSRV
 APSAANGWAGQPPPTWQQYGPQGMWVPAGQAIIGYGPPPAGRGAPPPPPFTSYIVSTPPGGFPPPQGF
 PQGYGAPPQFSFGYGGPPPPDQFAPPGVPPPPATPGAAPLAFPPPPSQAAPDMSKPPTAQPDPFYQYQ
 YGQDLSGFGQGFSDPSQQPPSYGGPSVPGSGGPPAGGSGFGRGQNHNVQGFHPYRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

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

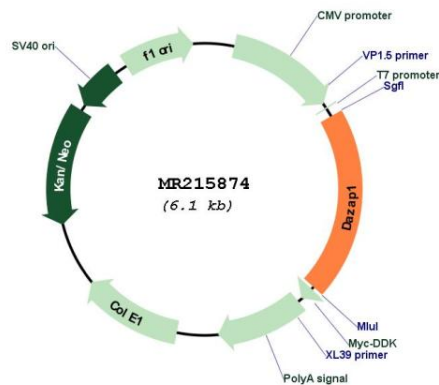
UniProt ID: [Q9JII5](#)

Cytogenetics: 10 C1

MW: 43.6 kDa

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

Product images:



Circular map for MR215874