

Product datasheet for **MC222058**

Dzip1 (NM_025943) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dzip1 (NM_025943) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dzip1
Synonyms:	2510025K24Rik; 2810422M04Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222058 representing NM_025943
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCTTCCAGAAGCAGTCTACTACCTCTGGCCAACAGCCCCGAGGGGCTGACGCCTCTGCCATAG
 GCGCGCTCCCATGGCCTTTGTCCCCCAGCGGGCCTCGGGCCCCCTGCCCTTCTCCAGTTCGGCC
 GCGACTGGAGAGCGTGGACTGGAGGCGGCTGAGCGCCATCGACGTGGACAAGGTTGCCGGCGCCGTGGAC
 GTCCTGACACTGCAGGAGAACATTATGAACATCACCTTCTGCAAGCTGGAGGACGAGAAGTGCCCGCACT
 GCCAGTCAGGGTAGACCCAGTGTCTGTAAGCTGATCCGCTGGCGCAGCTCACGATCGAATACCTGAT
 GCACTCGCAGGAGTTCCTCACCTCGCAGCTAACTGGTGGAGGAGAGGCTGCGCCTGAGCCTGCTCGAC
 TATGAGCAGAGCAAGCAGCTGCTACCAAGCAGGCTGGCGAGATCAAGCTGCTGAAGGAGGAGTAAAC
 GCAGGAAGAAGATGCTGTCCACGCAGCAGCTGATGATAGAGGCCAAGGCCAGCTATTACCAGTGCCATTT
 CTGTGACAAGGCCTTTATGAACCAAGCGTTCCTACAAAGCCACATCCAGCGCCGCATATGAAGACTCT
 CACCTCGAGTATAATAACAAAGGCCAGACCGACAGGCTCCAGAAGGAGATTGACATGTTGAAGGAACAGC
 TGACGCTCACTAGGTCTCAGCTGGAGTCTGCACAGCACTCTCATGCAGTTCGCTTCTTAAGGACTATGA
 AATGCAGAAATCAAAGAGGAAGACTTTCTGAAGCTGTTTACAGATGAAAAGAGGAGGAGAAGGAGAAG
 TTAAGTTCGAGGAGATGGAGAAGGTCAAGGGGATGTTTATGAGGGAAATTAAGAGTTAACTTCAAGAACT
 CAGCATTAGAATATCAGTTGTTAGAAAACAGAACTAACATCCAGATCAAGTCCAACATAGGCACCTT
 AAGAGACGTTACTGAGCTGAGAGAAGACCATCTCCGTGTCCCAGGACTTCCAGAACATGCTACAGCTG
 CTTGACAGCCAGGCAAGCAAGTGGACAGATCGATTTCAAGTCTCAACGAAGAACACAGCAAGGAAAAGG
 GGCAGCTCCTGTCCCACATAGAGAAGCTTCGAAGCTCAATGATGAAGATTTAAGTGCAGATAATGTCTT
 CTACAAGAGGCGGGTAGAAGAGTTAGGCCAGAACTGCAGGAGCAGAACGAGCTGATTATCAGTCAGAAG
 CAGCAGATTAGAGAATTTGCCAGTAAACATACAGCAGCATCAGCGAGCTGAAAGGGACTCCTTTAACCC
 GACAAACTGGAACCTAAATCGGCTGCACCAACCACACCATGACTGCCTCGGCCACACAGAATCTGGA
 TGGTGCATCCAGCCTGACCATGGTACATGAGCAAGTGTCTCTTACACATACTGGAACCAATAGAAGAA
 CTTTCTTCCAGAGGAGGAAAAGGTCGAGAAAATGAGCAGAAAATTAATAAAAAGAGCTCCTTAAGGAAAC
 CGTCGAGCACCAGCCATCCCCCAGGAGCTGAGGACTAACCTGGAGCGGGAGCTGGGGAATAAACTAAG
 AAGCTTTGGGATTGGCGGAACATCCAAGGTATCCGTGCGAGATCTTGAATAGATCGCTTAAAGCCATG
 CAAGTTGCCAGACATGACCTAGCAAAACAATGCCTGACATCCAGCAAATCCGAGAAATCCCTCGAGCACC
 AGCTGATCTGTAAGATGGAGGAAAAGTGTCACTCTTTCAGACAGGCACCATGTCCCTTCCATGACCAC
 CTTTCCACCCGAAGAAGTACCAAGGCAACCCAGCTTCCCACAAAAGCAGACCGTTGGTCAGACAGAGA
 ACTGTGTTTACTGATAAAGTGTCTGTCCAAAACCTTAAGAAAAATACCAAGAAAGTCAATTTTCTCAGAA
 GGTTTCCATCCACCAAGACGCCTCCCTTTCAGCTCGGAAGAGGAGCCAGATGAAGAGGACCTCCTCCATGC
 TTACCTCTCCCAGACTCACTTGCACCGCTGCCACACAGCCACCTAAAAGCAGCATGAGTCACTTTGGA
 AAGAGCGCTGTCAAAGTGACACGGACTGGACGGAGGGAAGTGAATGGATGACTCGGACTTCTCTCCTA
 AGCTGACAGGAACCTCCATTACGATACAGACTGACACTGTTGAGACCATGGCTTTACCCCAAGGAAGTGG
 GAATAAAGCAGTGCCGGGAATGAACCTGCTGACACGGTTATCAAAAAGGAATCGTTGCAAGAGTTAAAG
 TGCACAGATGCTGATGACGAGGACTGGGATATATCGTCTTAGAGGAAGAGAAAGTCTCTGGGGAGTAAAA
 TAGAGCAGAGGGAGCGCCTCCGGCCAAGCGGGACCCAGCTGCACCCAGGTGCAGAGGGCCTGGGGCC
 AGTGAACCCTCGGGAATTCAGGAAGAAGGACTTCATGAAAACGAACCGAGCACACTCAAGAGCAACTTA
 GTCACTGTGACTGACTGGAGCGATGTCCTGGATGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_025943
Insert Size: 2559 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:	NM_025943.3 , NP_080219.2
RefSeq Size:	4914 bp
RefSeq ORF:	2559 bp
Locus ID:	66573
UniProt ID:	Q8BMD2
Cytogenetics:	14 E4
Gene Summary:	<p>This gene encodes a zinc finger protein that has been demonstrated to interact with the deleted in azoospermia (DAZ) protein. DAZ plays an important role early in germ cell development to maintain the initial germ cell population. Deletion of this gene in mice compromises Hedgehog signaling during embryogenesis. Mouse embryos lacking the encoded protein show severe developmental defects with dorsalized neural tubes and underdeveloped somites. Alternative splicing of this gene results in multiple transcript variants. A pseudogene for this gene has been identified on chromosome 5. [provided by RefSeq, Jan 2015]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript and encodes the protein.</p>