

Product datasheet for **MG210955**

Dzip1 (BC098211) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dzip1 (BC098211) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Dzip1
Synonyms:	mKIAA0996
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG210955 representing BC098211
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCCTTCCAGAAGCACGTCTACTACCTCTGGCCAACAGCCCCGAGGGGCCTGACGCCTCTGCCATAG
 GCGCGCTCCCATGGCCTTTGTCCCCCAGCGGGCCTCGGGCCCCCTGCCCTTCTCCAGTTCGGCC
 GCGACTGGAGAGCGTGGACTGGAGGCGGCTGAGCGCCATCGACGTGGACAAGGTTGCCGGCGCCGTGGAC
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 GCACTCGCAGGAGTTCCTCACCTCGCAGCTAACCTGGTGGAGGAGAGGCTGCGCCTGAGCCTGCTCGAC
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 AGTGAACCCTCGGGAATTAAGGAAGAAGGACTTCATGAAAACGAACCGAGCACACTCAAGAGCAACTTA
 GTCACTGTGACTGACTGGAGCGATGTCCTGGATGTC

ACGCGTACGCGGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >MG210955 representing BC098211
Red=Cloning site Green=Tags(s)

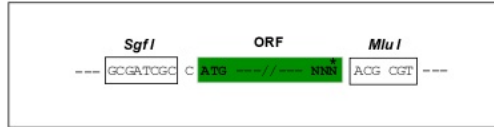
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TVFTDKVSVPKLKNKTKESHFLRRFPSTKTPPFSEEEEDLLHAYLSPDSLATAATQPPKSSMSHFG
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CTDADDEDWDISSLEEEKSLGSKIEQREPPPAKRDPSCQVQRAWGPVNPREFKEEGLHENEPSTLKS
VTVTDWSDVLDV

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



ACCN: BC098211

ORF Size: 2558 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: [BC098211](#), [AAH98211](#)

RefSeq Size: 4097 bp

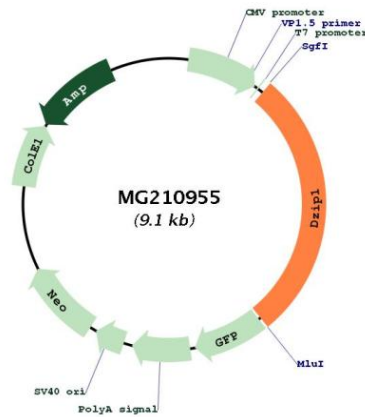
RefSeq ORF: 2558 bp

Locus ID: 66573

Cytogenetics: 14 E4

Gene Summary: 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]

Product images:



Circular map for MG210955