OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC114772

DZIP1 (NM_014934) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DZIP1 (NM_014934) Human Untagged Clone
Tag:	Tag Free
Symbol:	DZIP1
Synonyms:	DZIP; DZIPt1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_014934 edited
GAATTCGGCACGAGGGTGGTCCGGAGTCTGGAAGGCCCTAGAGCGGCGCCAGTCGACCCG
CCTCGCCACAACTTGCCCAGACCAGACACGTTTCATCCTGCGCCCTGCAAGAAGGAGCCG
GCCTGCCTCTCTCCGCTTTGCTGCTCCTCGGCCTCCGCGGGCCCGGCCCGCGTCAGCAGC
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GAAAAAAAAATTCCTGATGTCTGGTCCAAGCAGGAATTCCCCGGTGGATTGGGGAATGTC
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ATCTGCATAGTATCAGAAAAATGCACAGATTGAGAAGCTCCGGAGTGAGATCGTCGTATT
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014934 unedited
TGTCGGAATTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACGAGGGTGGTCCGG
AGTCTGGAAGGCCCTAGAGCGGCGCCAGTCGACCCGCCTCGCCACAACTTGCCCAGACCA
GACACGTTTCATCCTGCGCCCTGCAAGAAGGAGCCGGCCTGCCTCTCTCCGCTTTGCTGC
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GTCGCCCCCGCCCGCCTGCAGCGCCCGGCACCCGCCCAGGAGCGCGCAGCTGGGGTTCTA
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NCNGGGAACCGAGGAACCCCGGCCCTTTTCCCGTTCCTTAAGGGCTGTGGCCGCAGGCGG
CCCCGGGAAGGCGGCCCCAGCCTGGGCAAAAACCCCCCGCTTCCTCCTTATGCAAGCTGA
GCCAACGGATATGTTTTTAACGCCTGGCCTTCCCAAAAGCAGGCTTCCAACCCCTCTCCC
ACACGGCCCAAAGGGCGCCGAACTTCCTGTGGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014934 unedited
CTATGGAACGGCGGCCGCAATCTAGGATCGAGNTTTTTTTTTTTTTTTTTTTTTTTTTT
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CATTGTTTAAAAATGGAACTAAATTACTTTTGGGGGATTTCATAAAACATGGGGGGGATT
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CTAATCCTAAACTTACTTTTTTGGGGGGGGGGGGGGGGGGAGTCTTGCTATATTGCCCAC
GCTGGTCTTGAACTCCTGGGCTCAAGTTATCCTCCCACCTCAGCCTTCCAAGTAGCTGGG
ATTAAAGGTGAACACCCCCCACTTGGATTAAACTTACTTCTATATGAAAAATAACCCCAC
TAACCTTTTAGGATTAGGGGGTCCCCCCATCCAATTTTAAGACTACTAACCAGAATTTAT
AATATTAACGCCCTCCATACGACAGGTTACCTAAAAAAAATATTTTTTAAAGGTTTTAGG
AATTCAAACCCAAACATGCTGGGAGGTTAAAAAAAAATCCCTTAAAAATAGGTGGAAAAA
AACCCTTACACCTAAAGACCTTCTGAAGAAAAACTTTTTTGACTCAGGCACGGAATTTTT
AACCACGCGGGAGGCTTAACCCCTTACACGCCTCGAAAAG

Restriction Sites: NotI-NotI

ACCN: NM_014934

Insert Size: 4540 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:	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_014934.2, NP_055749.1
RefSeq Size:	7438 bp
RefSeq ORF:	2547 bp
Locus ID:	22873
UniProt ID:	Q86YF9
Cytogenetics:	13q32.1
Domains:	zf-C2H2
Gene Summary:	May participate in spermatogenesis via its interaction with DAZ (PubMed:15081113). Has a role in primary cilium formation (PubMed:19852954).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shorter transcript and encodes the shorter isoform (1).