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 SC114934

DZIP3 (NM_014648) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DZIP3 (NM_014648) Human Untagged Clone
Tag:	Tag Free
Symbol:	DZIP3
Synonyms:	hRUL138; PPP1R66; UURF2
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC114934 sequence for NM_014648 edited (data generated by NextGen Sequencing)

ATGGATTCTCTACCAGATGAATTTTTTGTGAGGCATCCTGCTGTGGAGGATCAGAGGAAG
GAAGAAACTGAGAATAAGCTAGAAAAATCATCTGGTCAACTGAACAAACAGGAAAATGAC
ATACCTACTGATCTTGTCCCTGTTAACCTACTATTAGAAGTGAAGAAGTTATTAAATGCA
ATTAATACTCTACCAAAAGGTGTGGTTCCTCACATTAAGAAGTTCTTACAAGAAGATTTT
TCCTTCCAAACTATGCAGAGAGAAGTTGCAGCTAACAGCCAGAATGGTGAGGAAATTGTT
CCTGCTTTGACTTTACGTTTCTTGATTACACAGCTAGAAGCAGCACTTAGGAACATTCAA
GCTGGCAATTATACCGCACACCAGATTAATATTGGTTATTATTTGACATTACTGTTTTTA
TATGGAGTAGCACTCACTGAAAGAGGAAAGAAAGAGGATTATACAGAAGCTGAGAATAAA
TTTCTGGTGATGAAGATGATGATCCAAGAAAATGAAATTTGTGAAAACTTTATGTCTTTA
GTTTATTTTGGACGTGGTTTACTGCGATGTGCTCAAAAGAGATATAATGGAGGACTGCTA
GAATTTCATAAAAGCTTACAAGAAATTGGAGACAAAAATGACCATTGGTTTGACATAGAT
CCTACAGAAGATGAAGATTTACCTACAACTTTTAAAGATCTTCTTAATAATTTTATCAAG
ACAACTGAAAGCAATATAATGAAGCAGACGATTTGTAGTTACCTAGATTGTGAACGATCT
TGTGAAGCTGACATTTTGAAGAACACCAGTTATAAGGGATTTTTTCAGTTAATGTGCAGT
AAAAGTTGCTGTGTTTATTTCCATAAAATTTGCTGGAAAAAGTTCAAGAATTTAAAGTAT
CCAGGTGAAAATGATCAGAGTTTTAGTGGGAAAAAATGTTTGAAGGAAGGATGTACAGGT
GACATGGTAAGGATGCTGCAATGTGATGTACCTGGAATTGTTAAAATTTTGTTTGAAGTT
GTGAGAAAGGATGAATATATCACCATTGAAAATTTAGGAGCAAGTTATAGAAAGTTGATA
TCTCTGAAAATAACTGATACTGATATAAGACCGAAGATCAGTTTAAAATTTAATACAAAA
GATGAAATGCCTATCTTCAAGCTTGATTATAATTATTTCTATCATCTGCTTCATATAATT
ATTATTTCTGGTACTGACATTGTTCGACAAATATTTGATGAGGCTATGCCACCTCCTCTT
TTGAAAAAAGAGCTTCTTATACACAAGAATGTGCTGGAATCCTACTACAACCATCTTTGG
ACCAATCATCCTTTGGGTGGATCATGGCATCTGCTTTATCCTCCTAACAAGGAGTTACCG
CAATCCAAACAGTTTGACTTATGCCTCCTGTTAGCTCTTATAAAACATTTAAATGTGTTC
CCTGCACCCAAAAAAGGATGGAATATGGAACCGCCATCTTCTGACATCTCTAAATCTGCA

View online »

GACATCCTGAGACTGTGCAAATACAGGGATATCCTCCTTAGTGAGATTTTGATGAATGGT
CTCACTGAGTCACAGTTCAATTCAATTTGGAAAAAAGTTTCAGATATTCTTCTGCGCCTT
GGGATGATGCAAGAGGATATTGACAAAGTGAAGGAGAATCCCATTGAGAATATCTCCCTT
GATTACCATCAGCTATCTGTCTACCTAGGCATACCAGTACCAGAAATCATACAGAGGATG
TTATCCTGCTATCAACAAGGAATTGCTCTACAGTCAATAACAGGCAGTCAGCGTATTGAA
ATAGAAGAGTTACAGAATGAGGAAGAAGAACTAAGTCCACCTCTCATGGAGTACAATATA
AATGTGAAATCACACCCTGAGATACAGTTTGCAGAAATTAATAAAGATGGGACCTCAATA
CCCAGTGAATCTTCAACAGAATCTCTTAAAGATCTCCAGGAAGTTAAGAGTAAACAAAGG
AAAAAGAAGAAGACTAAGAATAAAAAGAATAAAGACTCAAAAGAAGACCAAGTCCCATAT
GTGGTAGAAAAGGAAGAGCAGTTGAGGAAAGAACAAGCAAATCCACACTCAGTCAGTAGA
CTTATAAAAGATGATGCAAGTGATGTTCAAGAGGATTCTGCAATGGAAGACAAGTTCTAT
AGCCTGGATGAATTGCATATTCTGGACATGATAGAGCAGGGCTCAGCTGGCAAAGTAACT
ACAGACTATGGAGAAACTGAAAAGGAAAGGCTTGCTCGTCAAAGGCAGCTTTATAAATTG
CACTATCAGTGTGAAGATTTCAAAAGACAGTTGAGAACAGTGACTTTTCGGTGGCAAGAA
AACCAAATGCAGATTAAAAAGAAAGACAAAATTATCGCATCTCTTAATCAACAAGTTGCT
TTTGGAATCAATAAGGTTTCCAAATTACAGCGTCAAATCCATGCTAAAGATAATGAAATC
AAGAACCTTAAAGAGCAACTTTCTATGAAAAGATCTCAGTGGGAAATGGAAAAACATAAT
CTGGAAAGCACAATGAAAACATACGTAAGCAAACTGAACGCAGAAACTAGCAGAGCTTTA
ACAGCCGAGGTGTATTTCTTACAGTGTCGTAGGGATTTTGGTTTGCTTCATCTAGAGCAG
ACTGAAAAGGAATGTCTCAATCAGCTTGCCAGGGTGACTCACATGGCAGCAAGCAACCTA
GAATCACTTCAATTAAAGGCTGCGGTAGACAGTTGGAATGCCATTGTGGCAGATGTTAGA
AACAAGATTGCATTCCTCAGGACACAGTACAATGAACAAATAAACAAAGTCAAGCAAGGA
TTTGCCTTGAGTACCTTGCCTCCAGTCCAGCTTCCTCCTCCACCACCCAGTCCTGAGATA
CTGATGCAGCAGTTCTTAGGAAGACCCCTTGTGAAAGAATCTTTCTTTAGACCCATACTT
ACTGTTCCTCAAATGCCTGCAGTTTGCCCGGGAGTCGTCTCTGCAACTGGCCAACCTAGA
GCCCCCCTGATGACTGGCATAGCCTGGGCTCTGCCAGCGCCTGTGGGAGACGCTGTGCCT
CCCAGTGCAGGTCTGCGGAGTGATCCCTCCATCATGAATTGGGAGAGAATTACAGACAGG
CTGAAAACTGCCTTTCCACAGCAAACCAGAAAGGAACTTACAGATTTCTTACGGAAATTG
AAGGATGCTTATGGAAAATCCTTGTCTGAACTGACATTTGATGAAATTGTTTGCAAGATT
TCCCAGTTTATTGACCCCAAAAAGTCTCAGAGTCAAGGAAAATCAGTGTCAAATGTTAAT
TGTGTTTCACCTAGTCATTCTCCATCACAGCCTGATGCTGCCCAGCCCCCAAAACCAGCC
TGGAGGCCACTCACTTCACAGGGTCCTGCCACATGGGAAGGAGCCAGTAATCCAGATGAG
GAAGAGGAAGAAGAAGAGCCTTGTGTGATCTGTCATGAGAATCTGTCTCCAGAAAATCTT
TCAGTTTTGCCTTGCGCTCACAAATTCCATGCTCAGTGCATTAGACCATGGTTGATGCAA
CAGGGGACATGTCCAACGTGCAGACTCCACGTTTTGCTACCAGAAGAATTCCCTGGTCAC
CCCAGCCGGCAGTTGCCCAAGATCTGA

Clone variation with respect to NM_014648.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014648 unedited
CGCGAATTCGGCACCAGAACCTATTGGCATTATGTGGCAAATTAGTCATGCCCTGACCAA
AGTATTTGTCACATTTATTCGAGAAGACTACCTCCTGCTGACCCTGGGCCAGGTATTGCT
CCGGAGGGTGTTACTCGTTAGCGTCAGTTTTTCATTAAAGGGCAGTATTTAAAGTCAGTT
GGCAAGCAGTGGAATAAGATTTTTGTAAAGAAACCTTGTGCAGCATGGATTCTCTACCAG
ATGAATTTTTTGTGAGGCATCCTGCTGTGGAGGATCAGAGGAAGGAAGAAACTGAGAATA
AGCTAGAAAAATCATCTGGTCAACTGAACAAACAGGAAAATGACATACCTACTGATCTTG
TCCCTGTTAACCTACTATTAGAAGTGAAGAAGTTATTAAATGCAATTAATACTCTACCAA
AAGGTGTGGTTCCTCACATTAAGAAGTTCTTACAAGAAGATTTTTCCTTCCAAACTATGC
AGAGAGAAGTTGCAGCTAACAGCCAGAATGGTGAGGAAATTGTTCCTGCTTTGACTTTAC
GTTTCTTGATTACACAGCTAGAAGCAGCACTTANGAAACATTCAGCTGGCANTTATACCG
CACACCAGATTAATATTGGTTATTATTTGACATTACTGGTTTTATATGGGAGTACACTCA
CTGAAAGAGGAAAGAAAGAGGATTATACAGAAGCTGAGAATAANTTTCTGGTGATGAAGA
TGATGATCCANGAAATGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014648 unedited
TTGGGCACGCGGCCGCATNCTANGATCGNGTTTTTTTTTTTTTTTTTTCTGAGTCAGAAA
ACATTTATTCTTCCCCATAATTTAAATGGAGGTGAAACTGTGAATATGAAGCAAAGAACA
TTTATCTCACAAGGTAACTCTGAATTCTTTTAATTCTGAAACCAGAGACATGTACAACAC
TTACAGCATTCACACAACACTATTTTCAAAATAGGTTTTTGACCCCTAAAAATGAAAATT
CTTAGTGACAAGCTTTAGATATGAAACTTAGCCCAGTGGGTATTCACTTTGTCACAAAAA
GCAACTACAGACAAATAGTTTTTCCCTCTCCCCGACACAAAAACTGAAATTACAGACTTT
TAAAGCAGAAAAAATTTTCTCCAAAATGCAAATGATTAAGGTCCAAGGAACAAATGAACA
GAAGATCTCAATTATTCAATTGAGCGAGTGATTTAGTTTGCATATTAACTCCTTTTCTTA
CTACTTCCTGATATCTGATTCTGGCAATATTTATCTTGTATCTACTGGGCAAGACACTGG
GAACACAAAGAAATTTTAGACAAGGTCCAGTGGTATGCTGGTAAAGGTTTAACAACTAGC
TCTTAAGGGAAAGGTAGGTCTTCACTTATAGCATTTCTATGGTGTAAATACTCCAATTGC
CGCAGATTTCAAGCTAGCAACCATTTGACAACTGTCTCACAAAAATCCCTCAACTAACGA
TTGTCACTCATAAGACATTACAAGCCAGCTTCAACAACACACCGTACAGTCTCCAACTTC
CAGTAGTTCATAATCTCTTAATGGTACCTTGTATCAAATTTTGGGCAACTGCGGCTTGGG
TGACCAGGGAATTTTCTGGGTACAAACCGGGATCTCGACGTGGACATGTCCCTGTGGCTA
ACCATGGCTTATGCCCTGGCCATGGGATTGTGGACCCAGGCAAACTGAGAATTTTTGAAA
CAAATTTTTGGCCATACCCAGGGTTCTTTT

Restriction Sites: NotI-NotI

ACCN: NM_014648

Insert Size: 4370 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_014648.2, NP_055463.1
RefSeq Size:	5319 bp
RefSeq ORF:	3627 bp
Locus ID:	9666
UniProt ID:	Q86Y13
Cytogenetics:	3q13.13
Domains:	RING
Protein Families:	Druggable Genome
Gene Summary:	E3 Ubiquitin ligase proteins mediate ubiquitination and subsequent proteasomal degradation of target proteins. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Able to specifically bind RNA.[UniProtKB/Swiss-Prot Function]