

## Product datasheet for **SC127558**

### ZFP64 (NM\_022088) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP64 (NM_022088) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZFP64
Synonyms:	ZNF338
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC127558 sequence for NM\_022088 edited (data generated by NextGen Sequencing)

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ATGAACGCGAGCAGCGAGGGCGAGAGCTTCGCGGGCTCGGTGCAAATCCAGGTGGCACA
ACGGTGTGGTGGAGCTGACTCCCGACATCCATATCTGCGGCATCTGCAAGCAGCAGTTT
AACAACTGGATGCCTTTGTAGCTCACAAAGCAAAGTGGCTGCCAGCTGACAGGCACATCC
GCAGACGCCCCAGCACGGTCCAGTTTGTATCGGAGGAAACAGTGCCTGCCACCCAGACT
CAGACCACCACCAGAACCATCACCTCGGAGACCCAGACAATCACAGGTTGCCAATCCAAG
ACTGCTTATGGCATGAAGGACATGGAGCGCATTAAAAAATTCACACGGGAGACAAACCC
CATAAGTGTGAAGTCTGTGGCAAGTGCTTTAGCCGAAAAGACAAGCTGAAAACCTCACATG
CGGTGCCACACGGGCGTGAAGCCCTACAAGTGAAGACGTGTGACTACGCCGCTGCCGAC
AGCAGCAGCCTCAACAAGCACCTGAGGATCCACTCGGACGAGCGGCCCTTCAAATGCCAG
ATCTGCCCTACGCCAGCCGCAACTCCAGCCAGCTCACTGTCCACCTGCGATCCCACAG
GGGACGCCCCCTCCAGTGTGGCTCTGTAGCGCAAGTTCAAATCAGCTCGGACTTG
AAAAGGCACATGCGGGTGCCTCGGGGAGAAGCCTTTCAAGTGCAGTTCTGCAATGTC
CGCTGCACCATGAAGGGGAACCTCAAGTGCACATCCGTATCAAGCACAGCGGGAATAAC
TTCAAGTGTCTCATTGGGACTTCTGGGTGACAGCAAAGCCACCTCCGGAAAGCACAGC
CGCGTGCACCAAGTTCGGAGCATCCTGAGAAGTGCTCGGAATGCAGTACTCCTGCTCCAGC
AAGGCCGCCCTGCGCATCCACGAGCGTATCCACTGCACCGACCGCCCTTCAAAGTGAAC
TACTGCAGCTTCGACACCAACAGCCAGCAACCTGAGCAAGCACATGAAGAAGTTCCAT
GGGGACATGGTTAAGACTGAGGCTCTAGAGAGGAAGGACACCGGCAGGCAGAGCAGCCGG
CAGGTGGCCAAGCTGGATGCCAAGAAGAGTTTCCACTGCGATATATGCGATGCCTCCTTC
ATGCGGGAGGACTCGCTCCGACGCCACAAGAGACAGCACAGTGAAGTACAGTGAAGTAAG
AACTCGGACGTGACCGTTCTCCAGTTTCAGATCGACCCAGCAAGCAGCCCGCCACGCC
CTCACTGTGGGACACCTCCAGGTGCCCCCTCCAGCCAGCCAAGTGCCCCAGTTTCAGCGAG
GGAAGAGTCAAAATCATCGTTGGGCATCAGGTGCCCCAGGCGAACACCATCGTCCAGGCT
GCCGCCGTGCAAGTGAACATCGTCCCGCTGCCTTGGTGGCCAGAACCCAGAGGAACTC
CCAGGGAACAGCCGGCTGCAGATCCTGCGCCAGGTGAGTCTGATCGCCCCCCTCAGTCC
TCGCGGTGTCCGAGCGAGGCGGGCGCAATGACCCAGCCGGCTGTCCTGCTGACACCCAC
GAGCAGACGGACGGAGCCACTCTGCACCAGACTCTCATCCCCACGGCCTCAGGTGGCCCC
CAGGAAGGCTCTGGCAATCAAATTTTATTACCAGTTCGGGTATTACTTGCACTGACTTT
GAAGGCCTAAACGCCTTGATTACAGAGGGGACAGCAGAAGTGAAGTGGTGAAGGATGGA
GGCCAGAACATCGAGTGGCCACCACAGCGCCACCGGTCTTCTCCTCCTTCCCAGCAA
GAACTACCAAGCAGACCTACTCCATCATTCAAGGGGCAGCCATCCAGCTTTGCTCTGT
CCCGCCGACTCCATTCCAGATTAG

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Clone variation with respect to NM\_022088.4

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_022088 unedited  
 NGGTTAGGGAATTATGTNAATACGAACTTCACTCTTAGGGNCCGGCCGCGNAATTCGGCA  
 CGAGGCAGAGTTGGGAGAAGGCAGGGTGGGGGTGTGNGAAAAATAAAAGGAAAAGTCCT  
 TGCACCATGTAGATCAGCGTCCCCACTTTGGCATCCCGGCCGGCCGGGGACCTCCCAGT  
 CTGCGGCCATGAACGCGAGCAGCGAGGGCGAGAGCTTCGCGGGCTCGGTGCAAATTCAG  
 GTGGCACAAACGGTGTGGTGGAGCTGACTCCCGACATCCATATCTGCGGCATCTGCAAGC  
 AGCAGTTTAAACAACCTGGATGCCTTTGTAGCTCACAAAGCAAAGTGGCTGCCAGCTGACAG  
 GCACATCCGCAGCAGCCCCAGCACGGTCCAGTTTGTATCGGAGGAAACAGCGCCTGCCA  
 CCCAGACTCAGACCACCACAGAACCATCACCTCGGAGACCCAGACAATCACAGATGGAG  
 CCTCACTCTGTTGCCAGGCTGGAGCGCAATGACGCGATCTTGGCCCACTGCAACCCCCG  
 CCTCCCGGTTCAAGCCATTCTGCCTCAGCCTCCCGAGTACCTGCGATTACAGTCTCCAG  
 CTCCAGACTTTGTTTCTGAACCCGGCTATCAACCTTACCTGCCCCGGCCGGTATTGCCA  
 ACCCCACCGCCCCTGCACCGCTTCCCTGGCCGGTCCGCACCACAAGGCCACACCATCA  
 CCTGTTTATAACGGCCACACCGTTTTTTTCCACCTTCGCCACTCAGCTCGCTACGCGCC  
 CCCGACCAGCCCGGTCCCTACCCCTCCCTCCACACACCCCCACGCTCCACCCTCC  
 TGCCCTCCCTCACCCACCCCTCGTACCCCTTCCCTCTCTCCGGCCCCACCT  
 CCCACCCGCTCCCCC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_022088 unedited  
 GCACGCAATCTAGTATCGAGTTTTTTTTTTTTTTTTTATATTTAATCAGATATCAAT  
 TTATTATGGAACCATTCTTTCTGCTCATTAGCACTAAACATTTTTTTTGGTCAAGT  
 ATCCATGTCATATTATGTAGAAAATGGTCTTCATGCCAACAGACTTACATGTATAAAC  
 ATGAACACCCCAAACCTGCGGGAGTATCCAGAATGGGGCAAAAGAGAGGCTGGGAAGT  
 ACCATTTACTACAAAATGTAATAAGATGGACAGAAACCTTTATTAGAGTTGAAAATCA  
 AGTTGAAACAAACACATGAATTCACACTTAATGCATTAATCCAACCCCTCATTGGA  
 ATCATCTTGGTAACATTTAAGATTCTACAACAGTTATAATGCGACGATTCAGAGGTGGTC  
 TCAAAGTTGTTACAGTGTAAAAAATTATAGTAAGCAGTATAAAATTACAATTTATTAT  
 GGGGCCAGGGGATTACAACCATCCTTAAAAACATTAAGAGCAAACCACGGCCAGGCAT  
 GGTGGCTCACACCTGTAATCCCAGCATTGGGAGGCTGAGGTGGCAGATCACTTGAGG  
 TCAAGATTCAACATGATGAAACCCCGCCTCTACTAAATATAAAAAATTAGCCAGTCA  
 TGATGTCGTACACCTGTGGTCCCAGCTACTCGGAGGGCCGAGGCATGATAATCGCTTGAA  
 CCTGGAGCGGACCGTTCAAGTGAAGCAAGATAACGCCACTGCACCTCAGCCTTGAAACA  
 GAGCGAGACCCCGTCTAAAAACAAAACCTACCAAAGAAAACCTTTCGAGCCAACCTTT  
 AAGAGAATTCTACCTAAGATTTCTGTCTTCAATTCCTTCCCAACTCCTTTGTTTTT  
 NAAGCACTATTCTGGAATGGAGGCGGCGGACAAAAAAACTTGATGCNCTGCCCTGG  
 ATGAAGGAATATGCTGCTTGGTATTTCTGCTGGAAGAGAGGAGTAAAACGCG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_022088

**Insert Size:**

3370 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_022088.4</a> , <a href="#">NP_071371.3</a>
<b>RefSeq Size:</b>	3119 bp
<b>RefSeq ORF:</b>	1884 bp
<b>Locus ID:</b>	55734
<b>UniProt ID:</b>	<a href="#">Q9NTW7</a>
<b>Cytogenetics:</b>	20q13.2
<b>Domains:</b>	zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, lacks several exons and includes an alternate 3' terminal exon resulting in a novel 3' coding region and 3' UTR compared to variant 4. The encoded isoform (b) is shorter and has a distinct C-terminus compared to isoform d.