

Product datasheet for **SC321844**

ZFP38 (ZSCAN21) (NM_145914) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP38 (ZSCAN21) (NM_145914) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZFP38
Synonyms:	NY-REN-21; Zipro1; ZNF38
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_145914.2
 GCGGTGCGGTCTCCCGGTACCCGGAGCGGCTCTGATTCATGGTTAACTTGTGGCCCTAA
 AGAACTGGAAACCCAAAGGAACGAATATTCCTGCCCCACAGAGTCCCATCTTTGGTGAGG
 CTGTTTCTGGAGTTTACATGATGACCAAGTACTAGGCATGGCCCCAGTTCTGGGCCCTA
 GGCCTCCACAGGAGCAGGTGGGGCCTCTGATGGTAAAAGTCGAGGAGAAAGAAGAAAG
 GCAAGTACCTTCTAGCCTGGAGATGTTCCGCCAGCGCTTCAGGCAGTTTGGGTACCATG
 ATACCCCTGGACCCCGAGAGCCCTGAGCCAACCTCCGGGTGCTCTGCTGTGAGTGGTGA
 GGCCCGAGATCCACACCAAGGAGCAGATCCTGGAGCTACTGGTGCTGGAGCAGTTCTGA
 CCATCCTGCCCCAGGAGCTCCAGGCCTGGGTGCAGGAGCATTGCCCGGAGAGCGTGAAG
 AGGCTGTCACTCTCCTCGAAGATCTGGAGCGGAACTGGATGAGCCAGGACACCAGGTCT
 CAACTCTCCAAACGAACAGAAACCGGTGTGGGAGAAGATATCCTCCTCAGGAACTGCAA
 AGGAATCCCCGAGCAGCATGCAGCCACAGCCCTTGAGACCAGTCACAAATACGAGTCTT
 GGGGGCCCTGTACATCCAAGAGTCTGGTGAGGAGCAGGAGTTCGCTCAAGATCCAAGAA
 AGGTCCGAGATTGAGATTGAGTACCCAGCAGGAGGATCAGCAGATGAGCAGAAAGGTT
 CTGAAGCAGAGGGGCTCAAAGGGGATATAATTTCTGTGATTATCGCCAATAAACCTGAGG
 CCAGCTTAGAGAGGCAGTGCCTAAACCTTGAAAATGAAAAAGGAACAAAACCCCTCTTC
 AAGAGGCAGGCTCCAAGAAAGGTAGAGAATCAGTTCCTACTAAACCTACCCAGGAGAGA
 GACGTTATATATGTGCTGAATGTGGCAAAGCCTTAGTAATAGCTCAAATCTCACAAAC
 ACAGGAGAACACACACTGGGGAGAAACCTTACGTGTGCACCAAGTGTGGGAAAGCTTTCA
 GCCACAGCTCAAACCTCACCTCCACTACAGAACACACTTGGTGGACCGGCCCTATGACT
 GTAAGTGTGAAAAGCTTTTGGGCAGAGCTCAGACCTTCTAAACATCAGAGAATGCACA
 CAGAAGAGGCCCATATCAGTGCAAAGATTGTGGCAAGGCTTTCAGCGGGAAAGGCAGCC
 TCATTCGTCACTATCGGATCCACACTGGGGAGAAGCCTTATCAGTGTAACGAATGTGGGA
 AGAGCTTCAGTCAGCATCGGGCCCTCAGCTCCCACCAGAGACTCCACACCGGAGAGAAGC
 CATATAAGTGTAAGGAGTGTGGGAAAGCCTTCAACCACAGCTCCAACCTCAATAAACACC
 ACAGAATCCACACCGGGGAAAAGCCCTACTGGTGTCACTGTGAAAGACCTTCTGTA
 GCAAGTCCAATCTTCCAAACATCAGCGAGTCCACACTGGAGAGGGAGAAGCACCCTAAC
 TTTCAAGCGCTCCTGTTGTGTCGTTGTTTTAACTTTAGAATCTGAAAACCAGAAAGAA
 GTCTTGTCAATGCAGCAGCATCGATTCCGGTGATAGAGTTTGTATCACTCAACATCAGGG
 GATGCCTGAGGAGTGCAGCTCCACAGCAACATGGCAGGCAGGAGTCTCAGAAGTGT
 CAGGAGGTTCCACACTCGCCAGTTCAGTGGAGCAGAGTCCCTTCGCCACACTTAGGGTCC
 CAGTAAGCCATGCCAGCATTACCTTTTGCCTAGTTAAACAGACGTGTATCCAGTCTAGTT
 AAGGAAGAAACATTAAGATTGTTAATTTTAAACATATATTCAAGAAATTTAATTTGTAA
 AGAATTGAGCCACATTGAACACAATTGAATGAGATTCAGAATAAACTTATAACATCTTAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_145914

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_145914.2](#), [NP_666019.1](#)

RefSeq Size: 2005 bp

RefSeq ORF: 1422 bp

Locus ID: 7589

UniProt ID: [Q9Y5A6](#)

Cytogenetics: 7q22.1

Protein Families: Transcription Factors

Gene Summary: Strong transcriptional activator.[UniProtKB/Swiss-Prot Function]