

Product datasheet for **SC121534**

ZNF642 (ZFP69) (NM_198494) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF642 (ZFP69) (NM_198494) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF642
Synonyms:	ZFP69A; ZKSCAN23A; ZNF642; ZSCAN54A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_198494, the custom clone sequence may differ by one or more nucleotides

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ATGCCACAGCAGCTCCTGATCACCCCTGCCTACCGAGGCCAGCACCTGGGTGAAGCTGCAACATCCAAAGA
AGGCCGTGGAGGGGGCGCCCTGTGGGAGGATGTGACTAAAATGTTTGAAGGAGAAGCTCTGCTGTCTCA
GGATGCTGAGGACGTAAGACCCAGAGAGAAAGTTTAGAGGATGAAGTGACCCCTGGACTCCCGACAGCA
GAATCCCAGGAATTGTTGACTTTCAAGGACATATCTATTGACTTCACCCAGGAAGAGTGGGGGCAGCTGG
CTCCTGCTCACCAGAATCTATACCGAGAGGTGATGCTGGAGAAGTACAGCAACTTGGTGTCACTGGGATA
TCAACTTTCCAAACCTAGTGTGATATCCAGTTAGAGAAAGGAGAAGAGCCATGGATGGCAGAGAAAGAA
GGCCCAGGAGATCCAGTTCAGACTTGAAGAGTAAATAGAAACCATGAGTCAACTGCAAAGAGTACCA
TTTCACAGGAGCGCTTATATCATGGCATTATGATGGAAAGTTTCATGAGGGATGATATAATTTATTCCAC
GTTGAGAAAAGTCTCCACATATGATGATGTCTTAGAAAGGCACCAGGAACTTGTATGAGAGATGTGAGA
CAAGCCATCTTGACCCATAAGAAGAGAGTCCAAGAACTAACAAATTTGGGGAAAATATCATTGTGCATT
CAAATGTTATTATTGAACAGAGGCACCATAAATATGATACACCTACAAAGCGGAACATACAAATTAGA
TTTGATTAATCATCCAACAAGTTACATAAGAACAAAAACCTATGAATGTAAATATATGTGAAAAAATCTTC
AAACAACCTATTACCTTACTGAACATATGAGAATTCTACTGGTGAGAAACCTTTCAGATGTAAGGAAT
GTGGAAGGGCCTTTAGTCAAAGTGCATCCCTCAGTACACACCAGAGAATCCATACTGGTGAGAAACCTT
TGAATGTGAGGAATGTGGGAAAGCCTTCAGACATCGCTCATCACTTAATCAGCATCATAGAACTCACACT
GGGAGAAACCTATGTATGTGATAAATGTGAGAAAGCTTTCAGCCAGAACATTAGCTTGGTTCAACATT
TGAGGACTCATTCTGGAGAGAAACCTTTTACTTGCAATGAATGTGGGAAACCTTTAGACAGATTAGACA
CCTTAGTGAACATATAAGAATTCATACCGGGGAGAAAGCCTATGCATGCCTGCTGTTGTAACCTTTT
AGTCATAGAGCGTATCTAACACATCACCAGAGAATCCATACTGGGAGAGACCCTACAAATGTAAGAAT
GTGGAAAAGCCTTTAGGCAGAGGATACACCTTAGCAACCATAAACTGTTTCATACAGGAGTGAAAGCATA
TGAATGAACCGCTGTGGAAAAGCCTATAGGCATGATTATCCTTTAAAAAATCAGAGACATCACACT
GGAGAAAACCTTACGAATGTAACGAATGTGGAAAAGCCTTCAGCTATAACTCTTCACTTAGTCGACATC
ATGAAATACACAGGAGGAACGCCTTCCGAAATAAGGTGTAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_198494 unedited

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AATACGACTCACTATAGGGCGGCCGCGAATTCGGCACGAGGATGGGAATGTGGAGCAGAC
CCTCGTCCACTCCGGAGGCCGAGGGTCTCCGGGCTTCCGAAGGAAGCCGACCTCAACGC
TGGACGCTTCTTGAGAAATGATTGCGTTGAGTGGAGATGTGGTCTGTCTATAAAGGCCG
GGAGGGAAACAATATCTGTTACCACTCAGTCCGTCTCTAAAGAGACACTCTTACCCTGA
AAACCTCAAGAGTGAGCACTCCACGCCCCCGTCTCTGGTCTACCTGGGTCCAAGGCCG
ATGTGTTTTAAATATATTTCTGCAGATTCTGGAGTTCTGGAGACAAGTGCTTCTGGATCC
CTCTTCCCTTCCCTTTTGTCTCTCTAAAGAGTATGGAGACATGAACCTAAACCTAACTAA
CTGGCTGCCTCCCAAGAAAGTGCTTGATTTAAAGGGGAGTTTGTCTTCCAGAATTGTTA
AAGTCACATCAGTCTCTAGGAACCCCCAGGTCTGGTGTCTGACGGGACACACCAGAGTCC
TGAGGGCAGGTGATTGGAATCTGAGCAACCCCCACAACCTGTGAAGCGTCTCATCAAGAG
CTTCTGGCAATTTCTCACCAGAAGTGGAAGTCCAGTAAGGCAGGCATCATGCCACAG
CAGCTCCTGATCACCTGCCTACCGANGCCAGCACCTGNGTGAAGCTGCAACATCCAAAG
AAGGCCGTGGAGGGGGCGCCCTGTGGGAGGATGTGACTAAAATGTTTGAAGGAGAACCT
CTGCTGTCTCAGGATGCTGAGGACGTAAGACCCAGAGAGAAGTTTAGAGGATGAAGTGAC
CCCTGGACTCCCAGACAGCAGATCCAGGAATTGTGGACTCTCAAGAACTATTTATTGACT
TCCCCAGAGAGTGGGGCAAGCTGCTTCTGCTCACATAANTTT
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Restriction Sites: NotI-NotI
ACCN: NM_198494
Insert Size: 1600 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:	<u>NM_198494.1</u> , <u>NP_940896.1</u>
RefSeq Size:	2176 bp
RefSeq ORF:	1518 bp
Locus ID:	339559
UniProt ID:	<u>Q49AA0</u>
Cytogenetics:	1p34.2
Protein Families:	Transcription Factors
Gene Summary:	Putative transcription factor that appears to regulate lipid metabolism.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. It encodes isoform 2, which is shorter than isoform 1 by a single amino acid. Variants 2 and 3 encode the same isoform (2).