

Product datasheet for **SC317893**

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
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_198494, the custom clone sequence may differ by one or more nucleotides <pre> ATGCCACAGCAGCTCCTGATCACCTGCCTACCGAGGCCAGCACCTGGGTGAAGCTGCAA CATCCAAAGAAGGCCGTGGAGGGGCGCCCTGTGGGAGGATGTGACTAAAATGTTTGAA GGAGAAGCTCTGCTGTCTCAGGATGCTGAGGACGTAAAGACCCAGAGAGAAAGTTTAGAG GATGAAGTGACCCCTGGACTCCCGACAGCAGAATCCCAGGAATTGTTGACTTTCAAGGAC ATATCTATTGACTTCACCCAGGAAGAGTGGGGGCAGCTGGCTCCTGCTCACCAGAATCTA TACCGAGAGGTGATGCTGGAGAACTACAGCAACTTGGTGTCAGTGGGATATCAACTTTCC AAACCTAGTGTGATATCCAGTTAGAGAAAGGAGAAGAGCCATGGATGGCAGAGAAAGAA GGCCCAGGAGATCCCAGTTCAGACTTGAAGAGTAAATAGAAACCATTGAGTCAACTGCA AAGAGTACCATTTACAGGAGCGCTTATATCATGGCATTATGATGGAAAGTTTCATGAGG GATGATATAATTTATTCCACGTTGAGAAAAGTCTCCACATATGATGATGTCTTAGAAAGG CACCAGGAAACTTGATGAGAGATGTGAGACAAGCCATCTTGACCATAAGAAGAGAGTC CAAGAACTAACAAATTTGGGAAAAATATCATTGTGCATTCAAATGTTATTATTGAACAG AGGCACCATAAATATGATACACCTACAAAGCGGAACACATACAAATTAGATTTGATTAAT CATCCAACAAGTTACATAAGAACAAAAACCTATGAATGTAATATATGTGAAAAAATCTTC AAACAACCTATTACCTTACTGAACATATGAGAATTCATACTGGTGAGAAACCTTTCAGA TGTAAGGAATGTGGAAGGCCTTTAGTCAAAGTGCATCCCTCAGTACACACCAGAGAATC CATACTGGTGAGAAACCTTTGAATGTGAGGAATGTGGGAAAGCCTTCAGACATCGCTCA TCACTTAATCAGCATCATAGAACTCACACTGGGAGAAACCTATGTATGTGATAAATGT CAGAAAGCTTTCAGCCAGAACATTAGCTTGTTCAACATTTGAGGACTCATTCTGGAGAG AAACCTTTTACTTGAATGAATGTGGGAAACCTTTAGACAGATTAGACACCTTAGTGAA CATATAAGAATTCATACCGGGGAGAAAGCCCTATGCATGCACTGCATGTTGTAACCTTT AGTCATAGAGCGTATCTAACACATCACCAGAGAATCCATACTGGGAGAGACCCTACAAA TGTAAGAATGTGAAAAGCCTTTAGGCAGAGGATACACCTTAGCAACCATAAACTGTT CATACAGGAGTGAAAGCATATGAATGCAACCGCTGTGGAAAAGCCTATAGGCATGATTCA TCCTTTAAAAACATCAGAGACATCACACTGGAGAAAAACCTTACGAATGTAACGAATGT GGAAAAGCCTTCAGCTATAACTCTTCACTTAGTCGACATCATGAAATACACAGGAGGAAC GCCTTCGAAATAAGGTG </pre>
Restriction Sites:	Please inquire


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ACCN:	NM_198494
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:	<u>NM_198494.2</u> , <u>NP_940896.2</u>
RefSeq Size:	2176 bp
RefSeq ORF:	1581 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).