

Product datasheet for **SC324504**

ZNF143 (NM_003442) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | ZNF143 (NM_003442) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ZNF143 |
| Synonyms: | pHZ-1; SBF; STAF |
| 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_003442.4
 GGCGGGCCTCAGACACACTATGCGGGTTGCGGGCCCTGGGGGCCGGACGGCTGTTTCCTG
 TCCTGGTGCATGGTGGTCGGACGAAGGAATTGTTGGAAAAATTTCTCGGAGGTAGAAGAT
 GTTGTAGCCCAAATAAATCGAGATTCTCAGGGAATGACAGAGTTTCTGGAGGAGGGAT
 GGAGGCGCAACATGTTACGCTGTGCTTGACAGAGGCAGTACCCTGGCAGATGGTGACAA
 CTTAGAAAAATATGGAAGCGTAAGCTTGCAAGCAGTAACACTTGCAGATGGTTCTACTGC
 TTACATACAACAATTCTAAAGATGCAAAACTCATAGATGGCCAGGTCATTCAGTTGGA
 AGATGGTTCTGCGGCCTATGTTCAACATGTACCCATACCTAAAAGTACAGGGGACAGTTT
 GCGTCTAGAGGATGGTCAAGCAGTACAGTTAGAAGATGGTACCACAGCATTATTACCCA
 CACCTCCAAAGATAGTTATGACCAGAGTGCATTACAGGCGGTTACAGTGGAAAGTGGTAC
 CACAGCTTATATCCACCATGCAGTGCAAGTCCCGCAGTCTGACACCATCTTGCAATTCA
 GGCTGATGGGACAGTGGCAGGCTGCACACTGGGGATGCTACAATTGACCCTGACACCAT
 CAGTGCTTTGGAACAGTATGCAGCAAAGGTGCCATTGATGGAAGTAAAAGTGTAGCAGG
 TACTGGAATGATTGGAGAAAATGAGCAAGAGAAAAAATGCAGATTGTTTTACAAGGACA
 TGCTACAAGAGTAACTGCTAAATCTCAACAGAGTGGAGAGAAGGCATTTTCGATGTGAATA
 TGATGGATGTGGAAAATTATATACAACAGCTCATCATCTCAAGGTCCATGAGAGGTCACA
 CACAGGAGATCGGCCTTATCAGTGTGAGCATGCAGGCTGTGGAAAGGCATTTGCAACAGG
 TTATGGATTA AAAAGTACGTCAGA ACTCATACAGGAGAAAAGCCATATCGGTGTTCCGGA
 AGATAATTGTAATAAATCTTTCAAACTTCAGGAGATCTACAGAAAACATCAGA ACTCA
 TACAGGAGAAAAGGCCCTTAAAGTGTCCCTTCGAAGGCTGCGGTGCGTCTTTACAACATC
 AAATATCAGAAAAGTGCACGTTAGGACACACACAGGAGAAAAGACCTTATTACTGCACAGA
 GCCAGGATGTGGGAGGGCATTGGCCAGTGAACAAATTAAAAACCATGTGAGGATACA
 CACAGGAGAAAAGCCATATGTTTGTACAGTTCTGGGTGTGACAAAAGGTTTACAGAATA
 TTCCAGTTTGTACA AACATCATGTTGTCCACACTCATTCCAACCTTACA ACTGTAAACCA
 CTGTGGGAAGACATACAAGCAGATCTCCACGCTGGTCATGCACAAAACGGACAGCCACAA
 CGACTGAGCCCATCGAGGAGGAGCAGGAAGCCTTCTTTGAGCCGCCCCAGGTCAAGG
 TGAAGATGTTCTTAAAGGTCACAGATTACGTATGTTACAGGTGTAGAAGGGGACGACGT
 TGTTTCTACACAAGTAGCCACAGTAACCCAATCTGGACTGAGTCAACAAGTTACTCAT
 ATCCCAGGATGGGACTCAGCATGTCAACATATCTCAAGCTGACATGCAGGCCATTGGCAA
 CACCATACAATGGTAACGCAGGATGGCAGCCCATCACAGTCCCGCCCATGATGCAGT
 CATCTCCTCAGCAGGAACGCACTCTGTTGCTATGGTACTGCTGAGGGTACAGAAGGGCA
 ACAGGTTGCAATTGTAGCTCAAGACTTGGCAGCATTCCATACTGCCTCATCAGAAATGGG
 GCACCAGCAGCATAGCCATCACTTAGTAACACAGAAAACAGACCTCTGACCTTAGTAGC
 AACATCCAATGGCACCCAGATTGCAGTTGAGCTTGGAGAACAGCCATCTCTGGAAGAAGC
 CATCAGAAATAGCGTCTAGAATCCAACAAGGAGAAAACGCCAGGTTGGATGATTAATCCTC
 AGAACAAATGGAGCAATAAAGCAGAAGGAGTCTTTCATCTTCTGGCAGCAGAAATCCATGA
 AGCCCCGGCCCCAGGAAAATAGAAGTTTTCCATTCTGATACACTGTACACATTTTTATG
 CGAGAGTGGAGAACATTTTATTTGACACTTTTGTGTATATAACCTTGGAAATAGATTC
 TCAGAGTGATTCATTGTGTACAAGGAAGTATGAAATTAGGGCAATACAGTAAATTTTCAT
 GTTACTCTTTATCAGATCACA AACTCCTAGAGTCTACATGCAAGACTAGTAAAGTCTTA
 TGGAGTCTTATGATGGATTTTTAACTTCCCGTGGAAAAAAAATAAAGGCTGTATCTAAA
 ATATCAAAGGTTCTATATGTCACACAATCGTAATTCAAAAGCCATTATGGATAATAAAG
 GGTGTAAGCCTTCAGATATTTCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_003442

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| 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: | <ol style="list-style-type: none">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_003442.4 , NP_003433.3 |
| RefSeq Size: | 2946 bp |
| RefSeq ORF: | 1917 bp |
| Locus ID: | 7702 |
| UniProt ID: | P52747 |
| Cytogenetics: | 11p15.4 |
| Domains: | zf-C2H2 |
| Protein Families: | Transcription Factors |
| Gene Summary: | Transcriptional activator. Activates the gene for selenocysteine tRNA (tRNA ^{sec}). Binds to the SPH motif of small nuclear RNA (snRNA) gene promoters. Participates in efficient U6 RNA polymerase III transcription via its interaction with CHD8.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1). |