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Product datasheet for SC117977

ZNF143 (NM_003442) Human Untagged Clone

Product data:

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:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_003442, the custom clone sequence may differ by one or more nucleotides

ATGTTGTTAGCCCAAATAAATCGAGATTCTCAGGGAATGACAGAGTTTCCTGGAGGAGGGATGGAGGCGC
AACATGTTACGCTGTGCTTGACAGAGGCAGTCACCGTGGCAGATGGTGACAACTTAGAAAATATGGAAGG
CGTAAGCTTGCAAGCAGTAACACTTGCAGATGGTTCTACTGCTTACATACAACACAATTCTAAAGATGCA
AAACTCATAGATGGCCAGGTCATTCAGTTGGAAGATGGTTCTGCGGCCTATGTTCAACATGTACCCATAC
CTAAAAGTACAGGGGACAGTTTGCGTCTAGAGGATGGTCAAGCAGTACAGTTAGAAGATGGTACCACAGC
ATTTATTCACCACACCTCCAAAGATAGTTATGACCAGAGTGCATTACAGGCGGTTCAGCTGGAAGATGGT
ACCACAGCTTATATCCACCATGCAGTGCAAGTCCCGCAGTCTGACACCATCTTGGCAATTCAGGCTGATG
GGACAGTGGCAGGTCTGCACACTGGGGATGCTACAATTGACCCTGACACCATCAGTGCTTTGGAACAGTA
TGCAGCAAAGGTGTCCATTGATGGAAGTGAAAGTGTAGCAGGTACTGGAATGATTGGAGAAAATGAGCAA
GAGAAAAAAATGCAGATTGTTTTACAAGGACATGCTACAAGAGTAACTGCTAAATCTCAACAGAGTGGAG
AGAAGGCATTTCGATGTGAATATGATGGATGTGGAAAATTATATACAACAGCTCATCATCTCAAGGTCCA
TGAGAGGTCACACACAGGAGATCGGCCTTATCAGTGTGAGCATGCAGGCTGTGGGAAGGCATTTGCAACA
GGTTATGGATTAAAAAGTCACGTCAGAACTCATACAGGAGAAAAGCCATATCGGTGTTCGGAAGATAATT
GTACTAAATCTTTCAAAACTTCAGGAGATCTACAGAAACACATCAGAACTCATACAGGAGAAAGGCCCTT
TAAGTGTCCCTTCGAAGGCTGCGGTCGGTCCTTTACAACATCAAATATCAGAAAAGTGCACGTTAGGACA
CACACAGGAGAAAGACCTTATTACTGCACAGAGCCAGGATGTGGGAGGGCATTTGCCAGTGCAACAAATT
ATAAAAACCATGTGAGGATACACACAGGAGAAAAGCCATATGTTTGTACAGTTCCTGGGTGTGACAAAAG
GTTTACAGAATATTCCAGTTTGTACAAACATCATGTTGTCCACACTCATTCCAAACCTTACAACTGTAAC
CACTGTGGGAAGACATACAAGCAGATCTCCACGCTGGCCATGCACAAACGGACAGCCCACAACGACACTG
AGCCCATCGAGGAGGAGCAGGAAGCCTTCTTTGAGCCGCCCCCAGGTCAAGGTGAAGATGTTCTTAAAGG
GTCCCAGATTACGTATGTTACAGGTGTAGAAGGGGACGACGTTGTTTCTACACAAGTAGCCACAGTAACC
CAATCTGGACTGAGTCAACAAGTTACACTCATATCCCAGGATGGGACTCAGCATGTCAACATATCTCAAG
CTGACATGCAGGCCATTGGCAACACCATCACAATGGTAACGCAGGATGGCACGCCCATCACAGTCCCCGC
CCATGATGCAGTCATCTCCTCAGCAGGAACGCACTCTGTTGCTATGGTTACTGCTGAGGGTACAGAAGGG
GAACAGGTTGCAATTGTAGCTCAAGACTTGGCAGCATTCCATACTGCCTCATCAGAAATGGGGCACCAGC
AGCATAGCCATCACTTAGTAACCACAGAAACCAGACCTCTGACCTTAGTAGCAACATCCAATGGCACCCA
GATTGCAGTTCAGCTTGGAGAACAGCCATCTCTGGAAGAAGCCATCAGAATAGCGTCTAGAATCCAACAA
GGAGAAACGCCAGGGTTGGATGATTAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003442 unedited
NGTCAATATTTGTATACGACTCCTATAGGGCGGCCGCGAATTCGCACGAGGTGTCCTGGT
GCATGGTGGTCGGACGAAGGATTGTTGGAAAATTTTCTCGGAGGTAGAAGATGTTGTTAG
CCCAAATAAATCGAGATTCTCAGGGAATGACAGAGTTTCCTGGAGGAGGGATGGAGGCGC
AACATGTTACGCTGTGCTTGACAGAGGCAGTCACCGTGGCAGATGGTGACAACTTAGAAA
ATATGGAAGGCGTAAGCTTGCAAGCAGTAACACTTGCAGATGGTTCTACTGCTTACATAC
AACACAATTCTAAAGATGCAAAACTCATAGATGGCCAGGTCATTCAGTTGGAAGATGGTT
CTGCGGCCTATGTTCAACATGTACCCATACCTAAAAGTAGGGACAGTTTGCGTCTAGAGG
ATGGTCAAGCAGTACAGTTAGAAGATGGTACCACAGCATTTATTCACCACACCTCCAAAG
ATAGTTATGACCAGAGTGCATTACAGGCGGTTCAGCTGGAAGATGGTACCACAGCTTATA
TCCACCATGCAGTGCAAGTCCCGCAGTCTGACACCATCTTGGCAATTCAGGCTGATGGGA
CAGTGGCAGGTCTGCACACTGNGGATGCTACAATTGACCCTGACACCATCAGTGCTTTGG
AACAGTATGCAGCANAGGTGTCCATTGATGGAAGTGAAAGTGTAGCAGGTACTGGAATGA
TTGGAGAAAATGAGCAAGAGAAAAAATGCAGATTGTTTTACAAGACATGCTACAAGAGTA
ACTGCTAAATCTCAACAGAGTGGAGAGAAAGCATTTCGATGTGATATGATGGATGTTGGA
AATTATATACACAGCTCATATCTCAAGTCATGAGAGGTCCACCAGGAGATCGGCTTACAT
GTGAGCTGCAGCTGTTGG

3' Read Nucleotide Sequence:

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>OriGene 3' read for NM_003442 unedited
GCGGGCCGCAATCTAGAATCGAGTTTTTTTTTTTTTTTTTTGGATTTAACTTTTTAATTT
TAAATAACCAAATTTTATAATTTTGTACATAATTCAATGTAATGCCAATATAATTAGCAT
TTCAGCTTGAAGAGCTGGTTTTTAACAGGGATGGGAAACTATAAATTATTCAAACAGTCT
GCAAACCATGAGATACAAATAAAAATGGACAAGCATATAGTAGAACAAAAACCGCAGACA
CTCTACTAACTGGGGAAATATCTGAAGGCTTTACACCCTTTATTATCCATAATGGCTTTT
GGAATTACGATTGTGTGACATATAGAACCTTTGATATTTTAGATACAGCCTTTATTTTTT
TTTCCACGGGAAGTTAAAAATCCATCATAAGACTCCATAAGACTTTACTAGTCTTGCATG
TAGACTCTAGGAGTTTGTGATCTGATAAAAGAGTAACATGAAAATTTACTGTATTGCCCT
AATTTCATACTTCCTTGTACACAATGAATCACTCTGAGAATCTATTCCAAGGGTTATATA
CACAAAAGTGTCAAGAATAAAATGTTCTCCACTCTCGCATAAAAATGTGTACAGTGTATC
AGGAATGGAAAACTTCTAATTTTCCTGGGCCCGGGCTTCATGGATTTCTGCTGCCAGAAG
ATGAAAGACTCCTTCTGCTTTATTGCTCCATTGNTCTGAGGATTAATCATNCAACCCTGG
GCGTTCTCCTTGNTGGATTCTAGACGCTATTCTGATGGCTTNCTCCAGAGATGGCTGNTC
TCCAAGCTGAACTGCATNNNCTGGTGCATTTGNATGTTGCTACTAAGGTCANAGGTCTGG
NTNCTGTGGNTACTAAGTGATGCTATGCTGCTGGTGCCCCATTCTGATGAGCAGTATGAA
TGCTGCCCAGTCTGAGCTACATGCACCCTGTGCCTTCTGTACCTCACAGTACATACACAG
ATGCGTNCTGCTGAGGAATACTGCTATGGCGGNACTGNATGGCGGCCATCTGGTACATGG
GAGGGTGCCATGGCTGATGCACTGAAATGG
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Restriction Sites: NotI-NotI

ACCN: NM_003442

Insert Size: 2770 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: NM_003442.3, NP_003433.2

RefSeq Size: 2955 bp

RefSeq ORF: 2955 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 (tRNAsec). 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).