OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC219983

Zfp143 (NM_009281) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp143 (NM_009281) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp143
Synonyms:	AA959806; AU015869; D7Ertd805e; KRAB14; pHZ-1; SBF; Staf; Zfp79; Zfp80-rs1; Znf143
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

View online »

Fully Sequenced ORF:

>MC219983 representing NM_009281
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTGTTAGCACAAATAAATCGGGATTCTCAGGGAATGACAGAATTTCCTGGAGGAGGAATGGAGGCTC
AACATGTTACCCTGTGCCTGACGGAGGCAGTAACCGTGGCAGATGGTGACAATTTAGAAAATATGGAAGG
TGTGAGTTTACAAGCTGTGACACTCGCAGACGGCTCTACTGCTTACATACAGCATAATTCTAAAGACGGG
AGACTCATTGATGGCCAGGTCATTCAGCTGGAAGATGGTTCTGCTGCCTATGTTCAGCATGTCCCCATAC
CTAAAAGTAGGGACAGTTTGCGGCTGGAGGATGGGCAAGCAGTGCAGCTAGAAGACGGGACCACTGCATT
TATCCACCACACCTCGAAAGACAGTTATGACCAGAGCTCACTTCAGGCCGTTCAGTTAGAAGATGGGACA
ACAGCTTATATCCACCATGCAGTGCAAGTCCCACAGTCTGATACCATCTTGGCAATTCAGGCTGATGGGA
CAGTGGCAGGGCTGCACACTGGGGATGCCACAATTGACCCAGATACCATTAGTGCTTTGGAGCAGTACGC
AGCAAAGGTATCCATTGATGGCAGTGACGGTGTAACAAGTACAGGAATGATTGGAGAGAATGAGCAAGAG
AAAAAAATGCAGATTGTCTTACAAGGCCATGCTACTCGGGTAACTCCTAAATCTCAGCAGAGTGGAGAAA
AGGCATTTCGGTGCAAATACGACGGCTGTGGGAAACTCTATACAACAGCTCATCACCTTAAGGTCCATGA
GCGCTCACACACAGGAGACCGGCCTTACCAGTGTGAGCATTCAGGCTGTGGGAAAGCATTTGCAACAGGT
TATGGATTAAAAAGTCATTTCAGAACTCATACTGGAGAAAAGCCATATCGGTGTTCAGAAGATAATTGTA
CAAAGTCTTTCAAAACTTCAGGAGATCTACAGAAGCACATCAGAACCCATACAGGAGAAAGGCCCTTTAA
GTGTCCTATTGAAGGCTGTGGTCGGTCCTTTACCACATCAAATATCAGAAAAGTGCACATTAGGACACAC
ACAGGAGAAAGACCTTATTACTGCACAGAACCTGGATGTGGGAGGGCATTTGCCAGCGCAACTAATTATA
AAAACCATGTGAGGATACACACAGGAGAAAAGCCATATGTCTGTACAGTTCCTGGGTGTGACAAACGGTT
TACAGAATATTCCAGTTTGTATAAACACCATGTCGTTCACACTCACTCTAAACCATACAACTGTAACCAC
TGTGGGAAGACGTACAAACAGATTTCCACACTGGCCATGCACAAACGGACAGCCCACAACGACACAGAGC
CCATTGAGGAGGAGCAGGAAGCCTTCTTCGAGCCTCCCCCAGGTCAAGGTGATGATGTTCTTAAAGGGTC
CCAGATCACATATGTTACAGGTGTAGATGGAGAGGACATTGTATCTACACAAGTAGCCACAGTAACCCAG
TCTGGGCTGAGTCAACAAGTCACACTCATATCACAGGATGGGACTCAACATGTCAACATATCTCAAGCTG
ACATGCAGGCCATTGGCAACACCATCACCATGGTAACACAGGATGGCACACCCATCACGGTCCCCACTCA
CGATGCAGTCATCTCCTCAGCAGGAACACATTCTGTTGCTATGGTTACCGCGGAGGGCACAGAAGGACAG
CAGGTCGCAATTGTAGCTCAAGATCTGGCAGCGTTCCATACAGCATCTTCAGAGATGGGACACCAACAAC
ATAGCCATCACCTAGTAACTACAGAAACCAGACCTCTGACCTTAGTGGCAACATCCAACGGCACCCAGAT
CGCAGTTCAGCTTGGAGAGCAGCCGTCTCTGGAAGAAGCTATCAGAATAGCATCGAGGATCCAACAAGGG
GAGACGCCAGGGTTGGATGATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_009281

Insert Size: 1914 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).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

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_009281.3, NP_033307.2
RefSeq Size:	3013 bp
RefSeq ORF:	1914 bp
Locus ID:	20841
UniProt ID:	O70230
Cytogenetics:	7 57.7 cM
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 (By similarity).[UniProtKB/Swiss-Prot Function]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US