

Product datasheet for **MC218247**

Zfp143 (BC037658) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp143 (BC037658) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp143
Synonyms:	AA959806; AU015869; D7Ert805e; KRAB14; pHZ-1; SBF; Staf; Zfp79; Zfp80-rs1; Znf143
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC037658
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACAGAATTTCTGGAGGAGGAATGGAGGCTCAACATGTTACCCTGTGCCTGACGGAGGCAGTAAACCG
TGGCAGATGGTGACAATTTAGAAAATATGGAAGGTGTGAGTTTACAAGCTGTGACTCGCAGACGGCTC
TACTGCTTACATACAGCATAATTCTAAAGACGGGAGACTCATTGATGGCCAGGTCACTTCACTGGAAGAT
GTTCTGCTGCCTATGTTGAGCATGTCCCACATCTAAAAGTAACAGTTATGACCAGAGCTCACTTCAGG
CCGTTCAAGTTAGAAGATGGGACAACAGCTTATATCCACCATGCAGTGCAAGTCCCACAGTCTGATACCAT
CTTGGCAATTCAGGCTGATGGGACAGTGGCAGGGCTGCACACTGGGGATGCCACAATTGACCAGATAACC
ATTAGTGTCTTGGAGCAGTACGCAGCAAAGGTATCCATTGATGGCAGTGACGGTGAACAAGTACAGGAA
TGATTGGAGAGAATGAGCAAGAGAAAAAATGCAGATTGCTTACAAGGCCATGCTACTCGGTAACCTCC
TAAATCTCAGCAGAGTGGAGAAAAGGCATTTCCGTTGCAAATACGACGGCTGTGGGAACTCTATACAACA
GCTCATCACCTTAAGGTCCATGAGCGCTCACACACAGGAGACCGCCTTACCAGTGTGAGCATTCAGGCT
GTGGGAAAGCATTGCAACAGGTTATGGATTA AAAAGTCAATTCAGA AACTCATACTGGAGAAAAGCCATA
TCGGTGTTCAGAAGATAATTGTACAAAAGCTTTTCAA AACTTCAGGAGATCTACAGAAGCACATCAGAACC
CATACAGGAGAAAAGGCCCTTTAAGTGTCTATTGAAGGCTGTGGTTCGGTCTTTACCACATCAAATATCA
GAAAAGTGCACATTAGGACACACACAGGAGAAAGACCTTATTACTGCACAGAACCTGGATGTGGGAGGGC
ATTTGCCAGCGCAACTAATTATAAAAACCATGTGAGGATACACACAGGAGAAAAGCCATATGTCTGTACA
GTTCTGGGTGTGACAAAACGGTTTACAGAATATCCAGTTTGTATAAACACCATGTCTTACACTCACT
CTAAACCATACA AACTGTAACCACTGTGGGAAGACGTACAACAGATTTCCACACTGGCCATGCACAACG
GACAGCCCAACAACGACACAGAGCCCATTTGAGGAGGAGCAGGAAGCCTTCTTCGAGCCTCCCCAGGTCAA
GGTGATGATGTTCTTAAAGGGTCCAGATCACATATGTTACAGGTGTAGATGGAGAGGACATTGTATCTA
CACAAGTAGCCACAGTAACCCAGTCTGGGCTGAGTCAACAAGTCACACTCATATCACAGGATGGGACTCA
ACATGTCAACATATCTCAAGCTGACATGCAGGCCATTGGCAACACCATCACCATGGTAACACAGGATGGC
ACACCCATCACGGTCCCCACTCACGATGCAGTCATCTCCTCAGCAGGAACACATTCTGTTGCTATGGTTA
CCGCGGAGGGCACAGAAGGACAGCAGGTCGCAATTGTAGCTCAAGATCTGGCAGCGTTCCATACAGCATC
TTCAGAGATGGGACCAACAACATAGCCATCACCTAGTAACTACAGAAACCAGACCTCTGACCTTAGTG
GCAACATCCAACGGCACCCAGATCGCAGTTCAGCTTGGAGAGCAGCCGTCTCTGGAAGAAGCTATCAGAA
TAGCATCGAGGATCCAACAAGGGGAGACGCCAGGTTGGATGATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC037658

Insert Size: 1797 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: [BC037658](#), [AAH37658](#)

RefSeq Size: 2980 bp

RefSeq ORF: 1796 bp

Locus ID: 20841

Cytogenetics: 7 57.7 cM

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 (By similarity).[UniProtKB/Swiss-Prot Function]