

Product datasheet for **MR209289**

Zfp143 (BC037658) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>MR209289 representing BC037658
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACAGAATTTCTGGAGGAGGAATGGAGGCTCAACATGTTACCCTGTGCCTGACGGAGGCAGTAAACCG
 TGGCAGATGGTGACAATTTAGAAAATATGGAAGGTGTGAGTTTACAAGCTGTGACTCGCAGACGGCTC
 TACTGCTTACATACAGCATAATTCTAAAGACGGGAGACTCATTGATGGCCAGGTCATTACGCTGGAAGAT
 GTTTCTGCTGCCTATGTTTCCAGCATGTCCCACATCTAAAAGTAACAGTTATGACCAGAGCTCACTTCAGG
 CCGTTCAGTTAGAAGATGGGACAACAGCTTATATCCACCATGCAGTGCAAGTCCCACAGTCTGATACCAT
 CTTGGCAATTCAGGCTGATGGGACAGTGGCAGGCTGCACACTGGGGATGCCACAATTGACCAGATAACC
 ATTAGTGTCTTGGAGCAGTACGCAGCAAAGGTATCCATTGATGGCAGTGACGGTGAACAAGTACAGGAA
 TGATTGGAGAGAATGAGCAAGAGAAAAAATGCAGATTGCTTACAAGGCCATGCTACTCGGTAACCTCC
 TAAATCTCAGCAGAGTGGAGAAAAGGCATTTCCGTGCAAATACGACGGCTGTGGGAACTCTATACAACA
 GCTCATCACCTTAAGGTCCATGAGCGCTCACACACAGGAGACCGCCTTACCAGTGTGAGCATTCAGGCT
 GTGGGAAAGCATTGCAACAGGTTATGGATTA AAAAGTCAATTCAGAACTCATACTGGAGAAAAGCCATA
 TCGGTGTTCAGAAGATAATTGTACAAAAGCTTTTCAAACCTTCAGGAGATCTACAGAAGCAGATCAGAACC
 CATACAGGAGAAAAGGCCCTTTAAGTGTCTATTGAAGGCTGTGGTTCGGTCTTTACCACATCAAATATCA
 GAAAAGTGCACATTAGGACACACACAGGAGAAAGACCTTATTACTGCACAGAACCTGGATGTGGGAGGGC
 ATTTGCCAGCGCAACTAATTATAAAAACCATGTGAGGATACACACAGGAGAAAAGCCATATGTCTGTACA
 GTTCTGGGTGTGACAAAACGGTTTACAGAATATCCAGTTTGTATAAACACCATGTGTTTACACTCACT
 CTA AACCATACAACGTGAACCACTGTGGGAAGACGTACAACAGATTTCCACACTGGCCATGCACAACG
 GACAGCCCAACAGCACAGAGCCCATTTAGGAGGAGCAGGAAGCCTTCTTCGAGCCTCCCCAGGTCAA
 GGTGATGATGTTCTTAAAGGTTCCAGATCACATATGTTACAGGTGTAGATGGAGAGGACATTGTATCTA
 CACAAGTAGCCACAGTAACCCAGTCTGGGCTGAGTCAACAAGTCACTCATATCACAGGATGGGACTCA
 ACATGTCAACATATCTCAAGCTGACATGCAGGCCATTGGCAACCCATCACCATGGTAACACAGGATGGC
 ACACCCATCACGGTCCCCACTCACGATGCAGTCTCTCCTCAGCAGGAACACATTCTGTTGCTATGGTTA
 CCGCGGAGGGCACAGAAGGACAGCAGGTCGCAATTGTAGCTCAAGATCTGGCAGCGTTCCATACAGCATC
 TTCAGAGATGGGACCAACAACATAGCCATCACCTAGTAACTACAGAAACCAGACCTCTGACCTTAGTG
 GCAACATCCAACGGCACCCAGATCGCAGTTCAGCTTGGAGAGCAGCCGTCTCTGGAAGAAGCTATCAGAA
 TAGCATCGAGGATCCAACAAGGGGAGACGCCAGGTTGGATGAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MTEFPPGGMEAQHVTLCLTEAVTVADGDNLENMEGVSLQAVTLADGSTAYIQHNSKDGRLIDGQVIQLED
 GSAAYVQHVPKIPKSNSYDQSSLQAVQLEDGTTAYIHHAQVVPQSDTILAIQADGTVAGLHTGDATIDPDT
 ISALEQYAAKVSIDGSDGVTSTGMIGENEQEKKMQIVLQGHATRVTPKSQQSGEKAFRCKYDGGCKLYTT
 AHHLKVHERSHTGDRPYQCEHSGCGKAFATGYGLKSHFRTHTEKPYRCSNCTKSFKTSGLQKHIRT
 HTGERPFKPIEGGRSFTTSNIRKVHIRTHTGERPYCTEPGCGRAFASATNYKNHVRIHTGEKPYVCT
 VPGCDKRFTEYSSLYKHHVVHTHSKPYNCHGKTYKQISTLAMHKRTAHNDTEPIEEEQEAFFPPPPGQ
 GDDVLKGSQITYYVTGVDGEDIVSTQVATVTQSLSQQVTLISQDGTQHVNISQADMQAIGNITIMVTQDG
 TPITVPTHDAVISSAGTHSVAMVTAEGTEGQVAIVAQDLAAFHTASSEMGHQHQSHHLVTTETRPLTLV
 ATSNGTQIAVQLGEQPSLEEAIRIASRIQQGETPGLDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

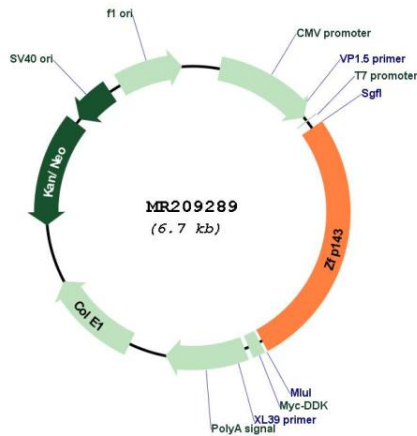
https://cdn.origene.com/chromatograms/mm9038_b02.zip

Cytogenetics: 7 57.7 cM

MW: 109.2 kDa

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]

Product images:



Circular map for MR209289