

Product datasheet for **MR223235**

Zfp280c (NM_153532) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp280c (NM_153532) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp280c
Synonyms:	BC028839; mKIAA1584; Suhw3; Zfp633; Znf280c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR223235 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGATAAAGATAACTCTGTTCAAGAAAAAGGGTTGTTTCTCTCCTCTTGAAATTAGATAATTCAAAA
TGCTGAACCTTTTCATGGAATGTGAAGAAGAAGAGTTGGAACCATGGCAGCAGAAAGTAGAAGAAAGTCA
AAGTAAAGACGACGATGATGAGCTGATCTTTGTTGGAGAGATATCAAGTTCCAAGCCAGCCATTTCCAAT
ATTTTGAACAGATGTAGCCCTGGTTTCATCTTCAAAGGGACTAAAGAACGGTTTCATTCAATCCAGCTATTT
CTAATATATTCAAGCCTACGAGTCAACACTACAGAAATCCATCATCGAATGCACTGGTTGCTTTGCCAAG
CTTTCATCCTGCTCTCAAATCTTCAGAGAGTTCTGATGGTCAGACTGTGTCTAACTTGACTTTACCAAG
ACTTCACCCCAAGAGGATTCCGGTGCTTGTTCGGTCTCACAGTCAGACTCGACCAAGATATACCGTCTT
CCAACATACTGCAACCGAGGACAGGTGTCGATCAAACCTTTAGGATTAACATCCTTCCACTTCCAAAGT
AAACAGTGTTAATCAAAAAAGCCAAAGACGAGTGCAGCATTCTGAAACACGCCCTTGCTCTTCATCA
TCTTCACAGACGGCGCCTTCAGGGGCTTCTCCAAACTGTAATCAAAATGTGAATACCTCATCAGTTC
AGTCTGCACCTGGATCATCTTCACTAAGATCTTGTCCAAGTGCAATGTTAAGTCCGACTTCTGGATCC
TTTGAAGTGCCACATGAAGCGTTGCTGCCCAGACATGATAAATAAGTTTCTGAAACTCTCAAGTCAGAA
AATTCAAAGGCTGTAAGCAAAGCTACCACTGACTCAGATAAAGAAAACTGATCATGCTTGTCAGTGATT
TTTATTATGGAAGACATGAAGGAACTATTGAGGAAAGCCAGAAGACTCACACCACTTTTAAATGTTTCAG
TTGCACAAAAGTTCTCAAAAATAATATTAGGTTTCATGAACCACATGAAACACCACTTGAACTTGAAAAG
CAGAACACGAGACCTGGGAAAGCCATACTACATGCCAACCTGCTACCGGCAGTACCCCAACCCCTTCC
AGCTCCAGTGCCACATTGAGAGTACACATACTCCTCATGATTTTCTACTATTTGCAAGATCTGTGAATT
GTCATTTGAAACAGAGCATATGCTTTTACAACACATGAAGGATACTCATAAACCTGGTGAAATGCCATAT
ATTTGCCAGGTTTGCCAGTTTAGATCATCAATATTTTCTGATGTAGAACTCACTTCAGATCATCTCATG
AAAACACTAAGAACTTGCTATGTCCGTTTTGCCTCAAAGTTAGTAGAATGGCAACCCCTTATATGAATCA
CTACATGAGACATCAGAAAAAGGAATTTATCGTTGCCGAAATGCAGACTACAATTTTGGACCTCCAAG
GAGAAAACAGAACATAAGTTAGAACATCGCACATTTATAAAGCCTAAAGAACTAGAGGGATTGCCTCCTG
GGACAAAAGTTATTATTCGAGCTTCATTAGGATCTAGTCAGTCAAGAGCCTCAAGCCACCTTCTAGTAC
CATCCCAAGCACTTCTTTCAGCTCTCAGTTCCAAAGTCTAAAAGTACAATACTAAGAATAACTCAAAA
GTATCTGCAAATAAAGCTACCACCACTAGCCCTCAAACAGTTGCAACCACAACCTGGAAGCCAGTGCAA
GTAAGCCAGGTACGGGGACAATAAATCCAAAGCCAAGCCCTCCTACAAGCAAAAGAGACAACGCACCAG
GAAAAACAAATTCAGCATAGATCTGAAGAACTTAAGGTGTCAACAGGGAAGTCACATGTGTATTGAGTGC
CGTTCCAAAATAAAGATTTTCAAGCCACTTTTCTACACATATAAATTGTGATTTTGCAGTATACCA
CTAACTGTAACAAAGCCTTTACAAATCATATGAGCTCTCACAATGACCACCAAGTAAGCAGCTTTATAT
TTTTAAGAAGCAATCACGAGCTCGCAGGGGCATCACTCTAGTGTGCCTTAAATGTGACTTCTAGCCGAT
ACTTCTGGCTTAGACCGTATGGCTAAACACTTAAATCAACGTAAACTCATACTTGCCAAGTTGTAATAG
AGAATGTTACCGAAAGAGCCGTAACCTTGAATCCGCTTCTGATGGCTTGTTCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR223235 protein sequence
 Red=Cloning site Green=Tags(s)

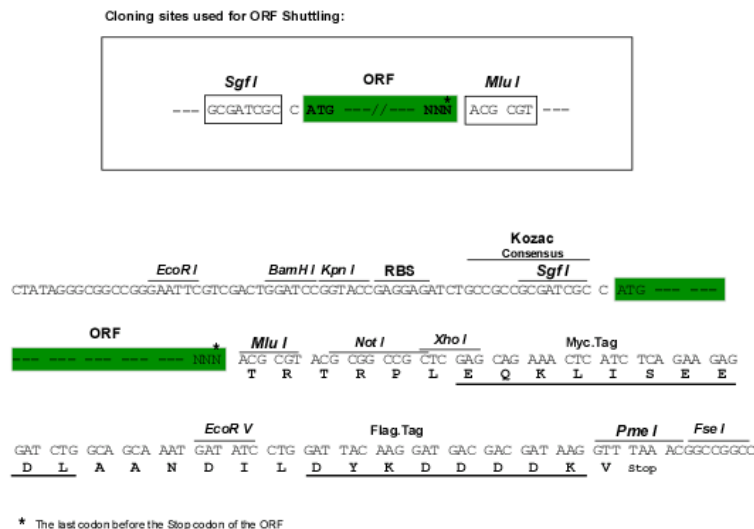
MDKDNSVQEKGLFLSSWKLDNSKMAELFMECEEELEPWQQKVEESQSKDDDELIFVGEISSSKPAISN
 ILNRCSPGSSSKGLKNGSFNPAISNIFKPTSQHYRNPSSNALVALPSFHPALKSSESSDGGTVSKLDFTK
 TSPQEDSGACSVSQSDSTQDIPSSNILQPRGTGVDQTLGLKHPSTSKVNSVNPKKPKTSASISSETRPCSSS
 SSQTAPSGASSQTVLSNVNTSSVQSAPGSSSLRSCPKNVKFRLLDPLKCHMKRCCPDMINKFLETLKSE
 NSKAVSKATTDSDKEKLIMLVSDFYGRHEGTIEESQKTHHTFKCFSTKVLKNNIRFMNMHMKHLELEK
 QNNETWESHTTCQHCYRQYPNPFQLQCHIESTHTPHDFSTICKICELSFETEHMLLQHMKDTHKPGEMPY
 ICQVCQFRSSIFSDVETHFRSSHENTKNLLCPFCLKVSRMATPYMNHMRHQKKGIYRCPKCRLQFLT
 SK EKTEHLEHRTFIKPELEGLPPGTVKVIIRASLGSSQSRASSPPSSTIPSTSLQSVPKSKSTTTKNNSK
 VSANKATTTSPQTVATTGKPSASKPGTGTTSKAKPSYKQKRQTRKNKFSIDLKNLRCHQGSHMCIEC
 RSKIKDFSSHSTHINCDFCKYTTNCNAFTNHMSSHNDHPSKQLYIFKKQSRARRGITLVCLKCDFLAD
 TSLGDRMAKHLNQRKTHTCQVVIENVTERAVTSESASDGLFK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_153532

ORF Size: 2226 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_153532.4](#)

RefSeq Size: 4366 bp

RefSeq ORF: 2229 bp

Locus ID: 208968

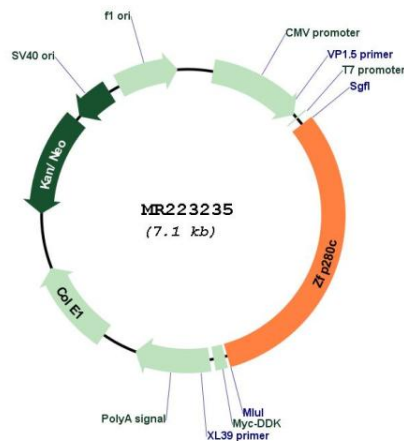
UniProt ID: [Q6P3Y5](#)

Cytogenetics: X A5

MW: 83.1 kDa

Gene Summary: May function as a transcription factor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR223235