

Product datasheet for **MR228451**

Zfp41 (NM_001044718) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Zfp41
Synonyms:	CTfin92; Zfp-41
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR228451 representing NM_001044718
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAGAGCTGCAACTAGGAAAAAGAAGAGTCAGGCCCAAGGAGGAGGCAGGTGCGCAAAAGGCCA
CTGTCAAGGGAGAGAAAACATCAAAGGGGAAAAAGGCAACCAAGAAGCCAAGAAAGCCCGCAGACCCCG
AAAAGAACCTGTCTGAGCCCCGAGGACGAAGCACATATCTTTGATGCCTTCGATGCCTCGTTTAAAGAT
GACTTTGAGGGTGTCCCGTGTTCCTTTTCAGAGGAAGAAGCCCTATGAGTGTGGTGAATGTGGAC
GGATCTTTAAACACAAGACAGATCACATTCGCCACCAGAGAGTTCACACTGGAGAGAAGCCCTTAAAGTG
TGACCAGTGTGGGAAGACCTTCAGGCACAGCTCAGATGTACCAAAACATCAAAGAATTCACACCGGTGAG
AAGCCCTTTAAATGTGGGAGTGTGAAAAGCCTTCAACTGTGGTCTAACCTTCTAAACACCAAGAAAA
CGCACACTGGAGAGAAACCTTATGGCTGTGAGGAGTGTGAAAATCCTTCGCTACAGCTCCTGCCTCAT
CCGGCATCGGAAGCGTCATCCGAGGAAGAAGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228451 representing NM_001044718
Red=Cloning site Green=Tags(s)

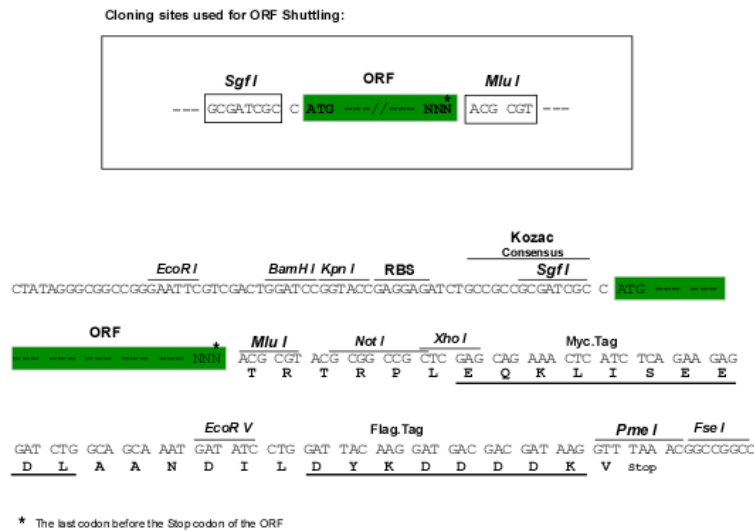
MEKPTRKKKSQAPKEEAGAQAQKATVKGEKTSKGGKATKKPRKPRRPRKEPVLSPEDAHIIFDASFKD
DFEGVPVFPVQKPKPYECGECGRIFKHKTDIRHQVRVHTGEKPFKCDQCGKTFRHSSDVTKHQRIHTGE
KPKFCGECGKAFNCGSNLLKHQKTHTEKPYGCEECGKSFAYSCLIRHRKRPKHH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001044718

ORF Size: 594 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_001044718.2, NP_001038183.1

RefSeq Size: 3553 bp

RefSeq ORF: 597 bp

Locus ID: 22701

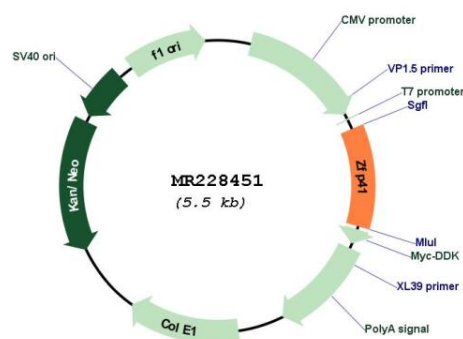
UniProt ID: Q02526

Cytogenetics: 15 D3

MW: 22.7 kDa

Gene Summary: A putative DNA-binding regulatory protein associated with meiosis in spermatogenesis.
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR228451