

Product datasheet for **MR225011**

Zfp784 (NM_001039532) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp784 (NM_001039532) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp784
Synonyms:	C730049F21Rik; Znf784
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR225011 representing NM_001039532 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCCGCCGCGCGCCGGATCCCCGATTCCGAGCTACCGACCCGGGAGTCGCCATCCCCGGAGCCGC
 CGGACCTGGTCCTGGTGCCTGATGGTCGCCCTGTACACCCCCAGGTGACCTCATCGAGATCCAGGTGGT
 AAAAGTCACAGATACCACATCGGTCCCTGAGCCCCAGAGCCAGGATCTTTTCATTGTGCCCTGTGTCCT
 GCTGCCTTCCGTCTAGTCTCAGAGCTGCTGTTTCATGAGCATGGCCACCTGGCAAGCATGGAGGGGCTTG
 GGCAGGATGGGGATCCTAGCCGTTGTCTGTGTGTGGCCACAGCTGTCCAGGTCTGCTAGCCTGCGTGC
 CCATTACAGCTTGACACAGGAGAACGGCCTTACCGCTGTTCCCTCTGCCACGGGCTTTTAAGGCCTTG
 GCACCTCTGCTCCGGCACCAACACCGACATGGGGTAGAGCCCGGCACCTCTGAAAGGCTTCTACCCACAA
 CAACAACCGGACAGCCAACTCAAGGGTGGCCAGGAGAGGTGGAGGTGGTGTGGCTGCAGCAGCTGC
 GGGTGTGTGGTAGGCAAGCCTTTCGCCTGCAGGTTTTGTGCCAAGCCCTCCGACGCTCCTCAGATATG
 CGAGACCACGAGCGGGTGCATACAGGGGAGCGGCCCTACCACTGTAGTATCTGTGGCAAAGGCTTACGC
 AGTCCTCTGTGCTGAGTGGTCATGCCCGCATCCACACAGGCGAGCGCCCTTCCGATGCATGCTCTGTGA
 CCGCACTTTCAATAACTCCTCAACTTCCGCAACACAGCGCACCCACTTCCATGGACCAGGGTCTGGA
 GTGGGAGAGTCTAGAGGCCAACTGAGATCATCTTCAGTGTCCCAAGATCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR225011 representing NM_001039532
 Red=Cloning site Green=Tags(s)

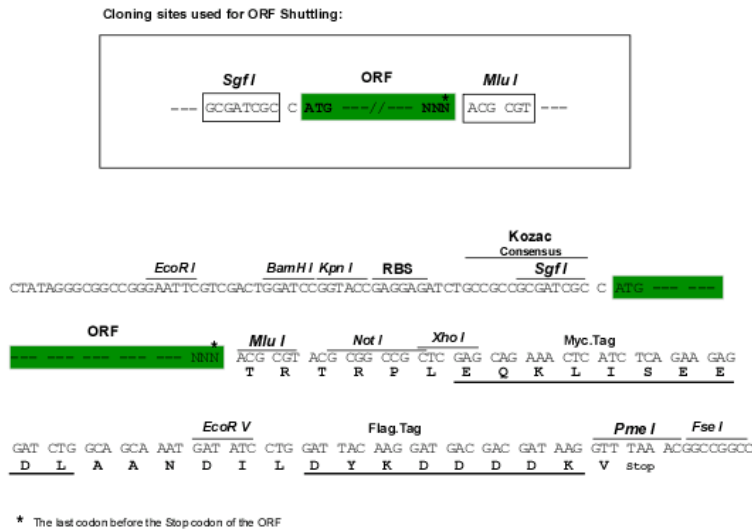
MAAAPDPPIPPSSPTRESPEPPDLVLPDGRPVTTPGDLIEIQVVKVTDTTSVPEPEPGSFHCALCP
 AAFRLVSELLFHEHGLASMEGLGQGDPSRCHVCGHSCPGPASHRAHSLHTGERPYRCSLCPRAFKA
 APLLRHQHRHGVPGTSERLLPPTTTGQPNRVAQERSEVVMAAAAGAVVGKPFACRFCAKPFRRSSDM
 RDHERVHTGERPYHCISCGKFTQSSVLSGHARIHTGERPFRCLCDRTFNSSNFRKHQRTHFHGPGSG
 VGESRGQLRSSSVSQES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9087_f09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001039532

ORF Size: 891 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_001039532.2](#), [NP_001034621.1](#)

RefSeq Size: 2146 bp

RefSeq ORF: 894 bp

Locus ID: 654801

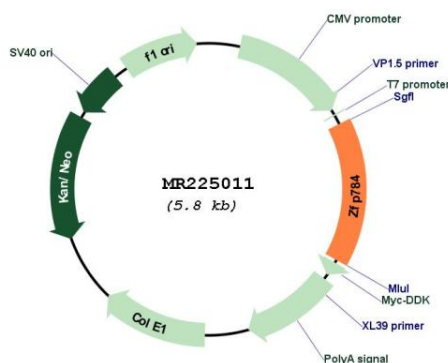
UniProt ID: [Q8BI69](#)

Cytogenetics: 7 A1

MW: 32.2 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225011