

Product datasheet for MR204390

Zfp11 (NM_024231) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp11 (NM_024231) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp11
Synonyms:	1500015B20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204390 representing NM_024231 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGACTTTGCAAGTGCCCAAGAGGAAGGTGACGAACCTGTTCTGCTTCGAACACCGAGTTAACGTCT
GCGAGCACTGCCTAGTAGCCAATCACGCCAAGTGCATCGTGCAGTCTACTTGCAGTGGCTACAAGATAG
TGACTACAACCCCAATTGCCGCTGTGCAACACACCCCTGGCCAGTCGGGAGACCACCCGCTTGTGTTGC
TATGATCTTTTCATTGGCCTGTATCAATGAACGTGCTGCCAGCTACCAGAAACACAGCGCCTGCAG
GCTACCAGTGCCCGAGCTGTAATGGCCCATCTTCCCCCAGCCAACCTCGCTGGCCAGTGGCTTCAGC
ACTGAGAGAAAAGCTAGCCACAGTCAACTGGGCCCGGGCAGGACTGGGCCCTCCCTCTGATCGATGAGGTG
ATAAGCCCAGAGCCCAGCCCTCAATTCTCAGACTTCTCTGATTGGTCCAGCTTAAATGCCACCACCA
CCTCTGTGCAAGAGGAGAGAGCCAGCACTCCATCTGCGCCTGCTTCTATAGCCAGGCTCCCCGCCCTCC
TCCCTCCCAAGCCGTCCCGAGCAGCACACAGTCATACACATGGGGAGTACTGAAGCCCTGGCACACGCC
CCAAGGAAAGTATATGACACACGGGATGATGACCGGACAGCAGGCATTATGGAGACTGTGATGATGACA
AATACCGCCGCCGCTGCTCTGGGCTGGCTGGCCAGCTGCTCAGGAGCCGGCTGGGTCCCGAAGCG
GCCACTGACTCTGCTCCAGCGGGCAGGGCTGCTGCTCCTGTTGGGCTGCTGGCTTCTGGCACTCCTC
GCCCTCATGTCTCGGCTCGGCCGGGCTGCAGCAGACAGTATCCCAATCTGGACCCGCTCATGAACCTC
ACATCCGTGTAGTCTCTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204390 representing NM_024231
Red=Cloning site Green=Tags(s)

MGLCKCPKRKVTNLFCEHRVNVCEHCLVANHAKCIVQSYLQWLQSDYDNPNCRLCNTPLASRETRRLVC
 YDLFWACINERAAQLPRNTAPAGYQPCSCNGPIFPPANLAGPVASALREKLATVNWARAGLGLPLIDEV
 ISPEPEPLNSSDFSDWSSFNATTTSVQEERASTPSAPAFYSQAPRPPSPSRPEQHTVIHMGSTEALAHA
 PRKVYDTRDDRTAGIHGDCDDDKYRRRPALGWLAQLLRSRAGSRKRPLTLLQRAGLLLLLGLLGLFALL
 ALMSRLGRAAADSDPNLDPLMNPHIRVGPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9026_g02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024231

ORF Size: 930 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.

RefSeq: [NM_024231.3](#)

RefSeq Size: 1235 bp

RefSeq ORF: 933 bp

Locus ID: 81909

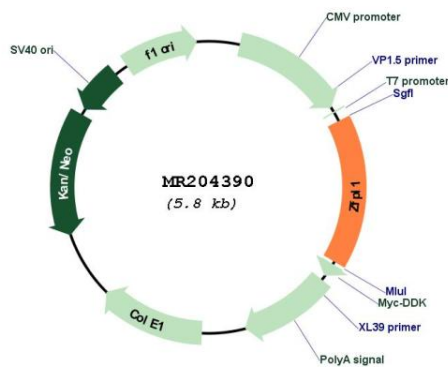
UniProt ID: [Q9DB43](#)

Cytogenetics: 19 A

MW: 34.6 kDa

Gene Summary: Required for cis-Golgi integrity and efficient ER to Golgi transport. Involved in the maintenance of the integrity of the cis-Golgi, possibly via its interaction with GOLGA2/GM130 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR204390