

Product datasheet for MR229671

Zcchc18 (NM_001035509) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zcchc18 (NM_001035509) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zcchc18
Synonyms:	1500031H04Rik; Szn2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR229671 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTAGCCTCCTTGCTAGGATGGGTAACAGTCGCCGGCAGAAATGCAGCTTTTATGCCTTTTGCCATT
CCATGCTGAGGGCCCTGGGAGGAGCCTTGGTCTTTGATTGCCAACATTGCAGAGAGAAACATACAGTC
GTTCTCTGGGAGGGCAGAGCTAGGACCCGGGAAGAAACCTTTGAAAACCTGGCTAAGCCAAGTCCATGAG
GTCCTGCCAGATTGGCCTATGTCTGAAGAAGAAAAGATCAAGCGCCTGATGAGAACCCTTAGGGGCCCTG
CCCGGGAGGCCATGCGTTTGTCCAGGCTGACAATCCCAATCTAAATGTCGCAGAAATTTTGCGGGCAAT
GAAGCTGCTCTTTGGAGGCTCTGAGAGCAGTATAACAGCGCATGGCAAAATTTTAAAGCACCTGCAGGCA
CAGGGAGAGAAACCATCCCTGTATGTGATCCGTTTAGAGGTGCAGCTACAGAATGCTATCCAGGCAGGGG
TCCTTCTCAGAGCGAGGCAACAGGACTCGCCTGCACCAGCTCCTTGTAGGGGTGAGCTGAGTAGGGA
GCTGCGCACCAAGCTTAAGGGGCTTCTCCAAATGCATGCGCATAATGAGCAGGAAAACCTTCTGACTTC
CTGGAGTTGATCAGGATGATAAGGGAGGAAGAGGATTGGGATGAGACATTCCTTAGAAAATAAGCGGCCCA
GAAGATCTGAGACAGTGTGGAGCGGCCAGCCAGCCCTGTGGTCTTTCAAGGCTCCCTGCCTATAGTGT
AGGCAGTCCCAGTGTAAATGTGATAGAGATAGATGATCCAGGATGATTCAGATGAAGATGTGATCCTG
GTGGAGCCCGAGGACCCCTCACTCTCATCCCAGTGCCTCATCCCTCCGAGGCACAGCCAGTACTCAGG
AAGAGATGCTGATTATTGAGTCCCTGATGATTTTGTAGGAGTCTCCTTCCACTAGCAGTGGTTCTGG
GCAAAGGAATAACGGGCTGGGGATCTAGGTAGAACCAGAAAGCGCAAGTACCCAATCCGCTGTCCTCAT
TGTGGTGAAGAGGGCCACGCCAAAGAAACCTGTGACAATACCAGCAACAAGGGCCAGTTTTTGTAGAATT
TGATAGTCACTCTGCAGGAGCTGACTCACATGGAGAGACCCAAACCTCTGTACCATAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >MR229671 protein sequence
 Red=Cloning site Green=Tags(s)

MASLLARMGNSRRQNAAFMPFAHSMRLRALGRSLGPLIANIAERNIQSFSGRAELGPGEETFENWLSQVHE
 VLPDWPMSSEEEKIKRLMRTL RGPAREAMRLFQADNPNLNVAEFLRAMKLLFGASESSITAHGKFLSTLQA
 QGEKPSLYVIRLEVQLQNAIQAGVLPQSEANRTRLHQLLVGAEL SRELRTKLKGLLQMH AHNEQENLPDF
 LELIRMIREEEDWDETF LRNKRPRRSETVMERAASPVVFQGS LPIVIGSADCNVIEIDDSQDDSDDEVIL
 VEPEDPPLSSPGASSLRGTASTQEMLIIESPDDFDEESPSTSSGSGQRNNGPGDLGRTRKRKYP I RCPH
 CGEEGHAKETCDNTSNKGQVFENLIVTLQELTHMERPKPSVPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001035509

ORF Size: 1182 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_001035509.2](#)

RefSeq Size: 2856 bp

RefSeq ORF: 1182 bp

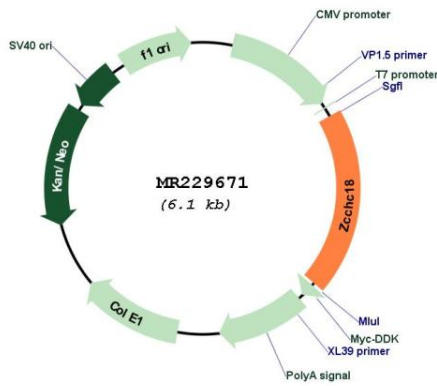
Locus ID: 66995

UniProt ID: [Q8VD24](#)

Cytogenetics: X F1

MW: 44 kDa

Product images:



Circular map for MR229671