

Product datasheet for **MR208576**

Zfp647 (NM_001168276) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Zfp647
Synonyms:	6030449J21; Es492; Znf250
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR208576 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCAGCAGCGGGCTTCTACCGCTGCCAGCAGCACACAGGCCAAAGTGACCTTTGAGGATGTGGCTG
 TTCTGCTGTCTCAGGAGGAGTGGGCCCGCTGGGCCCTGCTCAGCGGGGCTCTACCGACACGTCATGAT
 GGAGACCTACGGGAATGTAGTCTCACTGGGACTTCCAGGATCTAAGCCTGTTGTGATCTCCAGCTGGAG
 CGAGGAGAAGACCGTGGGTCTGGATGGACAGGAACCGAGCTGAGCCAGAGCCTGGGAAGTGACCACT
 CAGAATGCAAAGCCAAGGAAGAGAACCAACACAGACTTGAATGTGCCACCATTAATCTCAGACGAAGC
 ATCAGCGACGCTGACGGAAACACCGCTGAGGAAGGTTGCTGAAGAACGTTACAAACAGAACCGGAAGGTC
 TGCCCCAGTCCAAAGCCATTGGCCCCAGAATGCCACGGGTTGAACCTAGTGTACCCGTTGCCCGAC
 CCCAGACGGCTCCAGTGTGAGAGACCTATATCTGCATTGAGTGTGGAAGTGCTTTGGTCGGAGCTC
 CCATCTCCTTCAGCATCAGCAATACACTGGCGAGAAGCCCTACGTATGCCATGTATGCGAAAGGCT
 TTCAGCCAGAGTTCGTCCTGAGCAAGCACAGCGGATCCACACGGGCGAGAAGCCCTACGAGTGTAAACG
 AATGTGGGAAAGCCTTTGCGGTGAGTTCGACCTTGCCAGCACCACAAGATCCACACCGGAGAGAAGCC
 TCACGAGTGTCTGGAATGTGGGAAGCGTTACCCAGCTCTCCACCTCATCAACATCAGCGGATCCAC
 ACGGGGAGCGGCCCTACGTGTGTCCTTGTGTGGGAAAGCCTTCAACCACAGCAGCGTCTGCGGAGCC
 ACCAGAGGTTGCACACTGGGGAAGCCCTCACGGGTGCAGCGAGTGTGGGAAGACCTTCAGCGTGAAGAG
 GACGCTGCTGCAGCACCAGCGGTGCACACGGGGAAGCCCTACACGTGCAGCGAGTGCGGGAAGGCC
 TTCAGCGACCGCTCCGTGCTCATCAACATCACAACGTACACACTGGGGAAGCCGTACGAGTGCAGCG
 AGTGGCGCAAGACCTTTAGCCACCGCTCCACCCTGATGAATCAGGAGGATTACACGCAGGAGAAGCC
 CTACCGGTGCTACGAGTGCAGGAAGCCCTTTGTCCAGCACTCGCATCTCATCCAGCATCAGAGAGTCCAC
 ACGGGAGAGAAACCTACGTGTGTGGCGAGTGTGGCCATGCTTTCAGCGCAGCCGGTCCCTGATCCAGC
 ATGAGCGAATCCACACAGGCGAGAAACCTTTCAAGTGCACAGAGTGTGGCAAAGCCTTCAGCCTGAAAGC
 AACTCTGATCGTGACCTGAGGACCCACAGGGCGAGAAACCTATGAGTGAATAGCTGCGGCAAGGCG
 TTCAGCCAGTACTCGGTGCTCATCAACACAGAGGATCCACACGGGAGAGAAACCTATGAGTGTGGCG
 AGTGGGACGGGCTTCAACAGCAGCGCCACCTGATCCAACATCAGAAAGTACACAAGAAGCTG

AGCGGACCGACGCTACGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

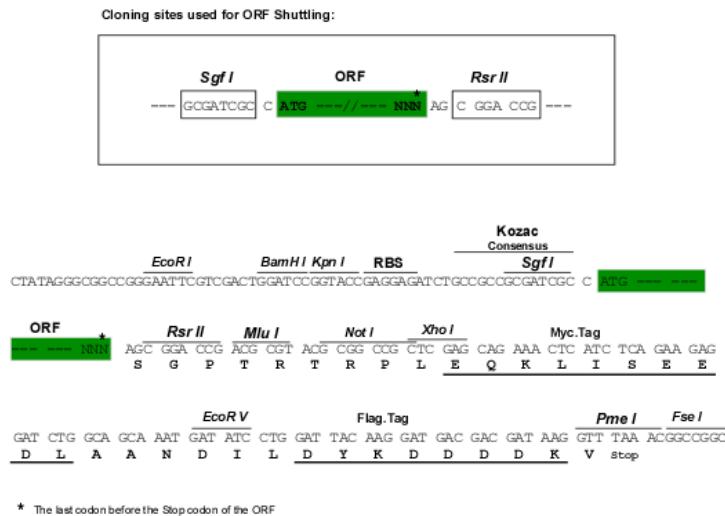
Protein Sequence: >MR208576 protein sequence
 Red=Cloning site Green=Tags(s)

MAAAGLLPLPAAPQAKVTFEDVAVLLSQEWARLGPAQRGLYRHVMETYGNNVSLGLPGSKPVVISQLE
 RGEDPWVLDGQGTLSQSLGSDHSECKAKEENQNTDLNVPPLISDEASATLTETPLRKVAEERYKTEPKV
 CPSPKPIGPQNAHGLNPSVPVAPQTAPSVERPYYICIEGKCFGRSSHLLQHQRHITGEKPYVCHVCGKA
 FSQSSVLKHHRIHTGEKPYECNECGKAFRVSSDLAQHHKIHTGEKPHCELECGKAFQLSHLIQHQRH
 TGERPYVCPCLCGKAFNHSTVLRSHQVRHTGEKPHGCSECGKTFVSKRTLLQHQRVHTGEKPYTCSECGKA
 FSDRSVLQHNNVHTGEKPYECSECGKTFSHRSTLMNHERIHTQEKPACYECGKAFVQHSHLIQHQRVH
 TGEKPYVCGECGHAFSARRSLIQHERIHTGEKPFQCTECGKAFSLKATLIVHLRHTGEKPYECNSCGKA
 FSQYSVLQHQRHITGEKPYECGEGRAFNGHGLIQHQVHKKL

SGPTRRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_001168276

ORF Size: 1605 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.

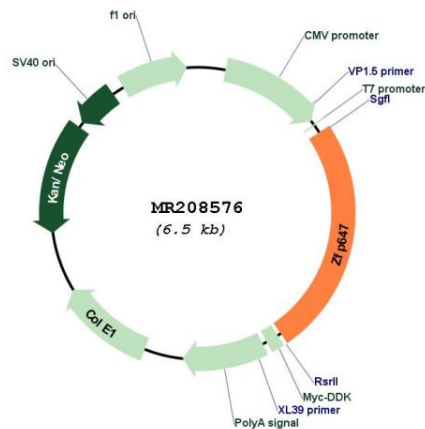
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001168276.1](#), [NP_001161748.1](#)

RefSeq Size: 2318 bp

RefSeq ORF:	1608 bp
Locus ID:	239546
UniProt ID:	Q7TNU6
Cytogenetics:	15 D3
MW:	59.9 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208576