

Product datasheet for MC224032

Zfp687 (NM_030074) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp687 (NM_030074) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp687
Synonyms:	4931408L03Rik; mKIAA1441; Znf687
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224032 representing NM_030074 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGGACATGAAGACCCCTGATTTTCGATGACCTCCTTGCTGCTTTTGACATCCCTGACATTGATGCAA
ATGAAGCCATTCCTCTGGGCCAGAAGAAAATGAGGGACCAGGAGGCCAAGGGAAGCCAGAACCAGTGT
AGGAGGAGATTCTAAAGACAGAGAAGAAGCAGCAGCCGCTGAGAATGACCCTGAGAGTCCAGCTGAGGCC
TCTGATCATGGCCTTCCACAACCACCGGATACTTCTACAGTCAGCGTCATTGTCAAGAACACAGTGTGTC
CAGAGCAGTCCGAGAGCCTGACTGGGGATTGAGGAGAGGAAGAGACCAAGGCTGGGGGTATAACTAAGGA
AGGACCTGTGGGGTCTTGTCTGATGCAGAAATGGGTTTGGGGTCTGAGCCCTCTCTCAGAAAACCC
CATTCTCAGCACATGCCAGTGGGAATGCCTGGAAGACAAAGCTGTGGAAGGCAAAACATGCTTGACC
TCTTTGCTCATTTTGGGTCTGAACCAGGAGACCACCCAGATCCCTACCTCAGAACCTTCCCAACCTCG
GGTGGTGACATGGCCCCACCTCCTTTCTCCACTCCTTTGAACTGGCCCCAGAAAATGGCTCAACCCTG
CTTCTCCTGCTTCACTTTGCCTCAAGGGCCCTTGAACAGGAAAGCTGCAGCCCTCACCATTCCAGG
GCCTAACCCAGAGAGGCCAGGCTCCAGCCCGAGACAGCAGGCATCCCTGCCAGTGTCTCTCCCCGCA
GGTGGCTGGGGTGTCTTCAAGCAGTCTCAGGACACCCAGAGTCTCCTGCTTCCCTGTCAAGGACCC
AGCTGTA AACCCCTGAAGGAAGAAGATGAGGGAACAGTGGACAAGTCTCCCCAAGAAGTCCCCAGAGT
CCTCTAGTGGAGCTGAGGCTGCAGATGAGGACAGCAATGATCCCTACCTCCTCCAGCTTCTAGGCC
CCTCAAGGTGCGGATCAAGACTATTAACATCCTGTGGGAATATCACAAGAAGTGAACCCGGTCCCC
TCAGAACCCGATCCTCCTGCCCTTTGGCCGAGGGGCTTCTGCGGAGACTAGCTTCTGAACTGT
CCCCTGTAACCCCAAGGTCAAAGGTGGTGTGATGTCATTTGGGTGATGGCACGAGGCTGAA
AGGTACAGTGTGCTGTGGCCACCATCCAGAATGCCAGCACTGCCATGCTCATGGCAGCCAGTGTAGCC
CGCAAAGCTGTGGTTCTACCAGGGGGAATGCCACCAGCCCAAACTATGACTAAGAGTGTGTTAGGTC
TGGTGCCCAAACTCTGCCAAGGCTGAGGTACGGACAGGGTTTTCCTTGGGGGCGAGAAGGTAATGG
TGCCCTCAGTGGTGTGATGGTACAGCCTTCAAAGTCTGCTACTGGGCCAGGCACAGCAGGTGGCTCGGTGATC
TCCCAACCCAGTCCAGTCTGGTAGAGGCTTCAACAAGATCCTCAACAGCAAGAACCTGCTGCCTGCTT



[View online »](#)

ATAGACCAAACCTGAGTCCGCCAGCTGAGGCTGGTCTGGCCCTGCCTCCAACAGGCTACCGCTGCCTTGA
 GTGTGGAGATGCCTTCTCTGGAAGAAGAGCCTGGCACGGCACTATGATCGAAGGAGCATGCGTATAGAG
 GTCACCTGTAACTACTGTGCCCGTGCCTGGTTTTCTTCAACAAGTGTAGCCTGCTTCTGCATGCCCGTG
 AGCACAAGGACAAGGGGCTTGTGCATGCAGTGTACATTTGGTGCATGAGGCTGTAGCCCTTGACCAGAT
 GGTGGGGCAGCCAGACATCACACCCTTGTGCCTGTGGCTGTCCCACCTGTTCTGGACCTTTGGCCTTG
 CCTGTTTTGGGCAAGGGGAGGGGGTGTCACTTCTCTACCATCACTACAGTTGCCACTGAGCTCCTGGA
 TGCTGCCACTCCAACAGAGCCCCCTGCTCCCCCTACTGCCTGTGTTTACACGTGCTTTGCTGTCTGGA
 GTGCAAAGAGCAGTGCCGGGACAAGGCTGGCATGGCAGCCATTTCAGCAGCTGGGCCCTCCTGCACTC
 GGGTCTACCAGCAATGTGTGTCGGTCTGCCCATGATGCTCCCAATCGCTGCAGCTTCACTGCCACC
 AGCGCACACATAAGAATCGAGCCCCCATGTGTGTCCCGAGTGTGGGGTAACTTCTACAAGCTAATTT
 TCAGACCCATCTTCGAGAGGCTGTCTGCATTTCTCTGCCGTGTAGGATACAGGTGCCCTAGCTGTGCA
 GTGGTGTGGGGTGTGAATCCATCAAGTCCCACATCCAGGCATCACACTGCGAAGTTTTCCACAAGT
 GCCCATCTGCCCATGGCCTTCAAGTCTGCACCCAGCGCCATGCCACCTTACTCCCAGCATCCAAG
 CTTCTCACCCAGCAAGCAAGCTGATCTATAAGTGTCCATGTGTGATACGGTCTTCACTCACAACCC
 CTCTCTCTCACACTTTGACCAGCACTTACTGCCCCAGCGTGTCAAGTGTCTTTAAGTGGCCGTCTGTG
 CTCTGCTTTTTGCCAAAAAAGAACCATGCTGGAGCATCTCAAGAACAACCTACCAGTCTGGACGTGTGGG
 GGAAGAGGCAGTTGGAAAGGGGCTGGAGGTGCCCTTTGACCCCAAGACTGAGCCTGAGGAGCTGGCT
 GTGTCTCAGGCAGAGGCAGCCCTGCTACTGAGGAGTCTTCTCATCTTCTGAAGAGGAGCTGCCTAGCT
 CCCCTGAGCCACCCGACCAACCAAAAGAGCCGACGAGGAGAAGTGGGAAACAAAGGCATCAAAGGTGG
 GGTGGGGGGCTGGGGGCTGGACTTGTGGCCTTTGTCACTCCTGGTGTCTGAGCGTGACGAGTATGTG
 ACTCACATGAAGAAGGAACATGGTAAGTCAAGTGAAGTTCCTGTGCGCTGTGTGAGCGCTCCTTTT
 GCTCTGCCCAAGCCTGAGGCGCCATGTCAAGGTCAACCATGAGGGAATCAAGCGAGTTTACCCATGCAG
 GTATTGTACAGAGGGAAAGCGCACCTTCAAGTGTGCGCTGATCCTGGAGAAGCATGTTTCAAGTCCGGCAC
 GGCTTGCCTCTTGGACCCAGTCTTCTGGCCGAGGAGGCTCCCTGGCTCGAGGCTCTGGTGGCAGAGCCC
 AGGGGCCAGGACGAAACGCCCGCAGTCTTCTGACTCATGCAGTGAAGGCTGACAGTACAACACCACC
 AGCCAAGTCCCTGAGGGGTGGCCCTGGGTGAGGAGCCACGGTCTCTGCGCTATAGAAGCAGTGGCTCA
 GCAGAACAGAGCCTTGTGGGGTTGAGGGTGGATGGTGGCACTCAGCAGTGCCTTGACTGTGGCTTGTGCT
 TTGCTTCCCTGGTTCCCTGAGCCGCCACCGTTCATTAGCCACAAGAAGAGACGGGCCGGGGTAAAGGC
 CAGTGTCTGGGGCTGGGGATGGGGAAGAAGCAGCTCCTCCTTACGCTCTGACCCAGAGGGTGGAGAC
 TCACCTTTGCCTGCTCCTGGAGACCCTGACTTGTAAAGTCTGTGGCAAGAGCTGTGACAGCCCTTAA
 ACCTCAAGACCCATTTCCGCACGCATGGCATGGCATTATCAGGGCCCGCAGGGAGGCAGTGGGACAA
 CTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_030074

Insert Size:

3714 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_030074.2](#), [NP_084350.1](#)

RefSeq Size: 4632 bp

RefSeq ORF: 3714 bp

Locus ID: 78266

UniProt ID: [Q9D2D7](#)

Cytogenetics: 3 F2.1

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