

Product datasheet for **MC213001**

Zfp809 (NM_001164624) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zfp809 (NM_001164624) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zfp809
Synonyms: BB114266; C330026E23
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC213001 representing NM_001164624
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGGTTGGTGTCTTTGAGGATGTAGCCGTGGACTTCACCTTGGAGGAGTGGCAGGACCTGGACGCTG
 CTCAGAGGACCCTGTACAGGGATGTGATGCTGAAACCTACAGCAGCCTGGTGTCTGGACCCCTGCAT
 TGCCAAACCTAAGTTGATCTTCAATTTGGAGCGTGGATTTGGGCCATGGAGCCTAGCAGAAGCTTCAAGC
 AGGAGCCTCCCAGGTGTCCATAACGTGAGTACTCTGAGTGACACCAGCAAGAAAATTCCTAAGACAGTT
 TGGCGCAACTCAGAAAACTAACCAAAAGACACCAAGTGAAGACACGATTGAAGCAGAACTAAAGGCTCG
 ACAGGAAGTCTCCAAAGGGACAACATCCCGTCATAGAAGAGCCCCGTAATAATCTTTGTGCCGCAAGTCA
 CAGAGAACCAAGAATCAGACATCATAAATGATGGGAATCTCTATGAATGTAAGGACTGCGAGAAAGTTT
 TCTGTAATAATTCAACCCTAATTAAGCATTACAGAAGAACTATAATGTGTACAAGCCCTATGAGTGTGA
 TGAATGCAGTAAAATGTACTATTGGAAGTCAGACCTCACGTCTCATCAGAAAACGCACAGACAGAGGAAG
 AGGATCTATGAGTGTAGCGAATGTGAAAGGCTTTCTCCGCAAGTCTCACCTCAATGCACATGAAAGAA
 CCCATTCAGGTGAGAAGCCTTATGAATGCACAGAGTGCAGGAAAGCTTTCTATTACAAGTGCACCTCAC
 TCGACATAAGAAGACTCACCTGGGTGAAAAACCTTTTAAATGTGAAGAGTGAAGAAAGCTTTTTCTCGA
 AAGTCCAAACTCGCTATACATCAGAAGAAACATACGGGCGAGAAACCATATGAATGTACAGAATGAAGA
 AGGCTTTCTCCATCAGTCACAACCTCACTGCACATCGGATTGCTCATTCTGAGAATCCTTATGAATG
 TAAAGAATGCAATAAATCATTCCACTGGAAGTGTCAACTCACAGCACATCAGAAAAGACACACAGGTCAG
 TATGGGGATAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001164624



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Insert Size:	1065 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:	<ol style="list-style-type: none">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:	<u>NM_001164624.1, NP_001158096.1</u>
RefSeq Size:	1603 bp
RefSeq ORF:	1065 bp
Locus ID:	235047
UniProt ID:	<u>G3X9G7</u>
Cytogenetics:	9 A3
Gene Summary:	<p>Transcription factor specifically required to repress retrotransposons in embryonic stem cells. Recognizes and binds retroviral DNA sequences from a large subset of mammalian retroviruses and retroelements and repress their expression by recruiting a repressive complex containing TRIM28/KAP1 (PubMed:19270682).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains a different segment for its 3' coding region and 3' UTR, compared to variant 1. The resulting protein (isoform 2) has a shorter and distinct C-terminus when it is compared to isoform 2.</p>