

Product datasheet for **MC226650**

Zfp821 (NM_001286391) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zfp821 (NM_001286391) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zfp821
Synonyms: 4930566A11Rik; Znf821
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226650 representing NM_001286391
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTGTCCTGTCTGTGGCCGGGCCCTTAGCTCCCCAGGGTCTTTGGGTCGCCACCTCCTAATCCATTCAG
AAGATCAGCGGTCCAACGCGCTGTGTGCGGAGCCGTTTACCAGCCACGCCACTTTTAAACAGTGAGAA
ACTCCCTCAAGTACTTAATATGGAATCCGTACCCCAAGTCCACAGTGAAGGTCCCTCCAGTCTGAAGGA
AAGGACATTGCCTGTAGTCCCTCCAGTATACCCTGCTGGAATTCTGCTTGTGGAACAACAGTGTGCTGCTT
ACCGCAAGCTACTGAAAACACAGACTCCCAGCGTACGCAAGTGGGCCCTTCGGCGACAGAATGAGCCTCT
GGAAGTAAGGCTGCAACGACTTGAACGAGAACGCACAGCCAAGAAGAGCCGTCGAGACAATGAGACCCCA
GAGGAGAGGGAGGTAAGACGCATGAGGGATCGTGAAGCCAAGCGCCTGCAGCGCATGCAAGAGACAGATG
AGCAGCGAGCTCGCAGGCTGCAGCGAGACCGGGAGGCCATGAGGCTGAAGCGGCCAATGAAACCCAGA
GAAGCGGCAGGCCGACTCATTGAGAGCGAGAGGCTAAGAGGCTCAAGAGGAGACTGGAGAAAAATGGAC
ATGATGTTGCGCGCTCAGTTTGGTCAGGACCCTTCTGCCATGGCAGCCTTAGCAGCCGAAATGAACTTCT
TCCAGTTGCCCGTGAGTGGGGTAGAGTTGACAGCCAGCTTCTAGGAAAAATGGCCTTCGAAGAGCAGAA
CAACAGCTCTCTGCAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001286391
Insert Size: 789 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001286391.1, NP_001273320.1</u>
RefSeq Size:	2172 bp
RefSeq ORF:	789 bp
Locus ID:	75871
Cytogenetics:	8 D3
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon compared to variant 1. The resulting isoform (b) is shorter at the N-terminus compared to isoform a. Variants 3, 4, and 9-11 all encode the same isoform (b).