

Product datasheet for **SC331444**

ZNF821 (NM_001201556) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF821 (NM_001201556) Human Untagged Clone
Tag: Tag Free
Symbol: ZNF821
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331444 representing NM_001201556.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGTCCCGTCGGAAACAGACAAATCCAAATAAAGTTCACTGGGATCAAGTATTTGCTGGGCTAGAAGAG
CAAGCCCGCCAGGCGATGATGAAACTGATTTTCCTGGAGACCTTGGCAGTCAGCGACAAGCTATCCAA
CAACTAAGAGATCAGGACTCCAGTAGCAGTGACAGTGAGGGTGATGAAGAGGAGACGACACAAGATGAA
GTCTCTTCCCACACATCAGAGGAAGATGGAGGGTGGTCAAAGTGGAGAAAGAGTTAGAAAATACAGAA
CAGCCTGTTGGTGGGAACGAAGTGGTAGAGCACGAGGTACAGGGAATTTGAATTCTGACCCCTTGCTT
GAACTCTGCCAGTGTCCTCTGCCAGCTAGACTGCGGGAGCCGGGAGCAGTTGATTGCTCACGTGTAC
CAGTGA
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_001201556

Insert Size: 420 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.


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RefSeq: [NM_001201556.1](#)

RefSeq Size: 1853 bp

RefSeq ORF: 420 bp

Locus ID: 55565

UniProt ID: [O75541](#)

Cytogenetics: 16q22.2

MW: 15.5 kDa

Gene Summary: This gene encodes a protein with two C2H2 zinc finger motifs and a score-and-three (23)-amino acid peptide repeat (STPR) domain. The STPR domain of the encoded protein binds to double stranded DNA and may also contain a nuclear localization signal, suggesting that this protein interacts with chromosomal DNA. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]
Transcript Variant: This variant (5) lacks an exon in the 3' coding region, which results in a frameshift and an early stop codon, compared to variant 1. The encoded isoform (3) has a shorter C-terminus, compared to isoform 1.