

Product datasheet for **SC316219**

ZNF621 (NM_001098414) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF621 (NM_001098414) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF621
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316219 representing NM_001098414. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTCCAACAACCTTGGCCTCAGGAGTCAGTGACCTTTGAGGATGTGGCTGTTACTTCACCCAGAAT
CAATGGGCCAGCCTCGACCCTGCGCAGAGGGCCCTGTACGGGGAGGTGATGCTGGAGAATTATGCAAAT
GTGGCTTCTCTGGTAGCGTTTCCATTCCCCAACCTGCTGATCTCCCACCTGGAGAGAGGGGAAGCA
CCATGGGGCCAGATCCCTGGGACACCGAGATTCTGAGAGGCATCAGTCAAGGTGGTGAGTCCTGGATC
AAAAATGAAGGGCTAGTTATAAAGCAGGAAGCCTCTGAAGAAACAGAGTTGCACAGAATGCCAGTAGGA
GGACTTCTCAGGAACGTTTCTCAGCACTTTGATTTTAAAGGAAGGCACCTGAAGCAGACTTTCATCTA
AATCCAAATCTGATACTTCGAGGTGGAATGAAGTTCTATGAATGTAAAGAATGTGGGAAAATCTTCCGA
TATAACTCAAAGCTTATTCGGCATCAGATGAGTCATACTGGGAAAAGCCCTTAAAGTGAAGGAGTGT
GGCAAAGCTTCAAGTCCAGCTATGATTGTATTGTACATGAGAAAAACCACATTGGAGAAGGGCCCTAT
GAATGTAAGGAGTGTGGCAAAGTTTGGATTCCAACACAGCCTTGACTCAACATCAGAGGATCCACACT
GGAGAGAAACCCTATGAATGTAAGAGTGTGGAAAGCCTTCCGTAGGAGTGCAGCATACCTGCAGCAT
CAGAGATTACACACGGGAGAGAACTCTATAAATGTAAGGAATGTTGGAAAGCTTTCGGTGTAGGTCA
CTTTTATTGTCCATCAGAGAATTCATACTGGGAGAAACCTTATCAATGTAAGGAGTGTGGCAAAGCC
TTCACCCAGAAAATAGCCTCCATTCAGCATCAGAGAGTTCACACTGGGGAGAAGCCTTATGAATGTAAG
GTGTGTGGGAAAGCCTTCAAATGGTATGGAAGTTTGTTCAGCATCAGAAATGCACCCTGTGGAGAAG
AAGCCAGTCAAGGTCCTTGGGCCATCCCTGGTCAGTCCCCAGTGCTCCTCTCCAGCCATACCTCCTGTT
CTTCTCCAGGGATCCTGTTCTGCTTCAGCCGTAGCTGTGCCTTCACTGACCTTTCACATGCTGTGCTC
ATTCTACCTCTGGGAATTTTTTTCATGCTGCTGCCTACATCTGGAATACCTTCTTCATCTGCCAAAATA
GTGCGTGTCTCCAGGTCTTACTCCACTGTGAAACCTCCCCAGTTATTCTCACCCCTTCTTCTCAC
TCCTCATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



ACCN:	NM_001098414
Insert Size:	1320 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001098414.2</u>
RefSeq Size:	8247 bp
RefSeq ORF:	1320 bp
Locus ID:	285268
UniProt ID:	<u>Q6ZSS3</u>
Cytogenetics:	3p22.1
MW:	49.2 kDa
Gene Summary:	<p>May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>