

Product datasheet for **SC103301**

ZNF229 (AK091541) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: ZNF229

Mammalian Cell None

Selection:

Vector: pCMV6-XL4

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC103301 sequence for AK091541 edited (data generated by NextGen Sequencing)

```
ATGGCTCTAATCTTCGCACCCACCAGAGTTGCACACAGGAGAGAAACCCTACACTTGT
GTGAATGTGGGAAGGGTTTCAGATATGGCTCAGGTCTCCTTAGTCATAAGAGAGTGCACA
CTGGCGAGAAGCCATACAGATGCCACGTGTGTGGGAAGGGCTATAGTCAGAGCTCACATC
TTCAAGGTCATCAGAGGGTCCACACTGGTGAGAAACCCTATAAATGTGAGGAGTGTGGGA
AGGGCTTTGGCCGCAACTCCTGTCTTCATGTTTCATCAGAGAGTCCACACTGGAGAGAAGC
CCTATACGTGTGGTGTGTGTGGGAAGGCTTCAGTTATACCTCAGGTCTGCGGAACCACC
AAAGAGTGCATTTAG
```

Clone variation with respect to AK091541.1
278 a=>g

5' Read Nucleotide

Sequence:

```
>OriGene 5' read for AK091541 unedited
GGGCCGCGATTTCGCCGAGGGAAAACCTTACAGAGCCAAGATGCAGAAGGGCTTTAGGTGC
ACATCAAGCCTTCAAAACATCAGCGAGTCCACACGGGNAAGCCCTATACGTGTGA
TCAGTGTGGCAAGGGATTTCAGTTATGGCTCTAATCTTCGCACCCACCAGAGTTGCACAC
AGGAGAGAAAACCCTACACTTGTGTGAATGTGGGAAGGGTTTCAGATATGGCTCAGGTCT
CCTTAGTCATAAGAGAGTGCACACTGGCGAGAAGCCATACAGATGCCACGTGTGTGGGA
GGGCTATAGTCAGAGCTCACATCTTCAAGGTCATCAGAGGGTCCACACTGGTGAGAAACC
CTATAAATGTGAGGAGTGTGGGAAGGGCTTTGGCCGCAACTCCTGTCTTCATGTTTCATCA
GAGAGTCCACACTGGAGAGAAGCCCTATACGTGTGGTGTGTGTGGGAAGGCTTCAGTTA
TACCTCANGTCTGCGGAACCAAGAGTGCATTTAGGCGAGAACCCTTATAAGTAGAT
GTACATAGAGGATTCCATCTGGGACTCAGAGCTTTCTATCCATCTGAGAGCCAACACAGG
AGAAAAACCTAGGAAAGTGACATGTAGGAGGGCTATAGGAGAACTGATGATTTTACATT
TTCTAGTCTGCATAGGAAGGGAACACCTGGACGTGTGATAAATAGGTTAGCACCTTCAGT
TACAAACTTCAGTTTTTAAAGTNCCTGTGTGGCAACGAAGTAGGCTTTAAAGAACAGGGC
AACANTGGGTTTCATAATAATTCTCACTTCCTCAAACTGCCTGGGAGGGAGCTTTTACA
TGTACAAGTGGGGA
```



3' Read Nucleotide Sequence:	>OriGene 3' read for AK091541 unedited <pre> CTATGGACCGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAGGGTTCCCCCGGAATCTTTAAT CATAGGGGTTGTTCCCGCGCTAATTTATAAAAAATACCCCTCCGTTTAAAAAAC GGAAAAATCCTTTGTTCCCAAGTAAATCCCTAAAAGTCCCCCTTTGTTTATCCCTTC AAAACCCCCCCTAGAAAAAGTTTTTTTTTGCCCCCCCCCATCTTTTTTCCCGGG GGCCCTAAACCTCCCCCGAAAAACCTCTACAAAAGGGGGCCGCCATAATTGTTG TTCTAAACCCCGGGTTCACAAAAACTTCAGGAGCAACCCGCCCTGGCTTTTCTGG GGGCCCCGAAATTTCTAGGGGCTTCCCTTGGAACCTTTGCCGGAACTTTTTAAAAAA TTTCCCCCAGGGAACGGGGAATTAACCTTTGCTTTTTTAAAAAGTTTAAATTTA AAAACCCCCCTTTTGCAGGCGTTTTTGCCAAGTGGGCACTTCTCCCAAGTTTCAAT TACCCCATTTTTCCCGCCCTTCAAAGTTATAAAAAATTGAATTGATCCCTTAAGGAAT CTTTTGAACAATGCCCGGTTTTCTCTCTCCCATAGTCCCTAAGACTTTTTCCGT CCCTTTTGGCCGCTTAAGAACCACCTGAACTTGTAATTTGCAAGGGAAGAGTTT ACCTCCCCGTTCCCATGGTGGGGGCTCCAAACTTTTTCTGGGAAACGCACAAG AAAATAAGGCCTTTTCCCGGGGACCGAAGAACCCCGGAGGGCTCCCTTAAACTCC GCCCTCTTGAACCTCTTTCTGGGAACCCCGGGGAGATTTCCCTCGTGTTCAATATT TCCACAGGCCCTTGAACAG </pre>
Restriction Sites:	NotI-NotI
ACCN:	AK091541
Insert Size:	2650 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	AK091541.1 , BAC03689.1
RefSeq Size:	2523 bp
RefSeq ORF:	2523 bp
Locus ID:	284350

Cytogenetics: 19q13.31