

Product datasheet for **SC209432**

ZNF281 (NM_012482) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ZNF281 (NM_012482) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ZNF281
Synonyms:	GZP1; ZBP-99; ZBP99; ZNP-99
ACCN:	NM_012482
Insert Size:	2000 bp



[View online »](#)

Insert Sequence:

>SC209432 3'UTR clone of NM_012482

The sequence shown below is from the reference sequence of NM_012482. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AAGACACCACCAGCCAGAGTTACAGGTAAGGTCCCAAAGTGGCCAGGCTGGAGGTCTTCTAATGTAA
TTTTGTTTTATTTGAGAACACTGCCATTGGAATGTTTCTACACGATCCTATTAAGAATAATGTGATGC
CCTTTCAATGCAACTTTTCATATTTAGTTTATTTGTTAGCGTGATTTTAGCTCTGTTTGTATTATGAT
TTTTAATCAAAATCAATAGATTAATAAATAGTTTGACATTCAAAGTGACAATGTTTAGCAATCAAAATTTA
CATGTATAGATCGTCAGGGAATAGCCAAATGTTTTAAACGCAAAAAAAAAAGACAAAAAAAAACAAAA
AAAAAAAAACTACAAAAAACTTTGTTGCTAGGATTAAGGTTATTCTAATTGCTTTACTCTCAGGAAA
GTGAATAACGCATGGGAATTCTGTACGTTATCACTGTAATGGAATATCCAATTTACAGATAGTATGAT
ATACATTTTCATCATTTAAGTAAGGGATCGAAAACATTTCAAATTGCTCTATCTGGGCTGATAGACATTT
CGTCATTTAAGTAAGGGATCGAAGACATTTCAAATTTGCTATCTCCATCTGGGCTGATCCAAATTTCTGA
GATTGTTGGCTACCTATATTTTGTGACGCTTTTAAATGTAATCTGAACTTCCAAACCACATTCATTCC
AGCCTGGTAGAACAAATATTTCTGGATCTTTGATCAAAGCCTGGAATGATAGCTTTAATAAAGAAGGA
AAAAAAAAAAGCACCTCTCTTGATCTCAACTGTAACAAGGCTGTAATCCATCAAGCGATTCTACTGA
CATCTAGTACAGTGTGAAGCCCAAGTGGTGGCTGGTCCAGTATTAGAATCAAGTTGAAATTTAT
GATTAAGTAAATTTGGGCATGCATATTTTATATACATGGCCTACAACGGTCTGTCTGCGCTGTTA
CGTATTACCTACACTTCTGGGTTTTTTTTGTTCTGTTCTCAGCCTCTCTTTAAGAGTTCTTGGGCCTTC
CTTTCCCTCTTTCTATTTTAAACAGTTTTAATTTTAGAACCATTACATCCAGTAGTAATTCATAT
CGCCTTTATATGCCTTAGGGCATCCAAATAAAAAACAATAGGGTAAACATCCCAAAACCCACCTTTAA
AAAAAAAAAAACCATACAGATTTCCATATGTAATAAAACCCCGTGTCTTGGATAGATTAATAAAGG
TTGTAATTCCAACTGGTGACATAACTCCTGTGAGGGATAAGAATGTGTCTGCTTATAGTAATAACATCA
GAACCTCTTTGTGAAATTCGCGCCTTTAATGTACATTTTAAAGAAAGGTGCATTAGTATTGTACAGGG
GTCTTGTAAAGTCATCAAACTTGCTATGAACTCTAATTGCCATTTGAAGCTACTGATTGGCAGTGGCT
CTACTCTAAAAGTCTTTTGTGCAATTTGATTTTTTCTGATTATATTTTTTAAATGTACTTTGATGTT
TATGCTGATGAGTTTTTATGTACTTTTGGTGATGTTTTCAGTCTTATGTACTCTTCTGACGTCAGAAAA
GTACCCTGGTGTGTTGAGTCTTATTGTGTAATCAGCCTACCGCAGGCTCCATGTATAATAAAGTAA
TTAATATTGTGCAAGTGTAAACACTTCTGTTATAAAAGCAGTGTGGAAAATAAGAAATATTAATAA
TGGTTACAAAGTATTAGTTAATTTCTTTTCCACTTTCTCCCTTTAGCTTTAGCAGCTAAAGGGTCA
CCAATTTGTCATTGCAAGATTCTTAGAAAATGTAATCTTAAATACGCTGAGTACTAAAAAGTGT
TATTTCTTATTTAGTAAAGTGGGTAAGTTCTATTGAGTACAGAGTACAAGCTGTAATCAAGGATGGA
GAGGACCTTTACCACTGTATCTTAAAGCTGTATGATTTTTCTCCAGTTTGTGTTTATACAGGTTTTGA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
    
```

Restriction Sites:

Sgfl-Mlul

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_012482.5](#)

Summary: Transcription repressor that plays a role in regulation of embryonic stem cells (ESCs) differentiation. Required for ESCs differentiation and acts by mediating autorepression of NANOG in ESCs: binds to the NANOG promoter and promotes association of NANOG protein to its own promoter and recruits the NuRD complex, which deacetylates histones. Not required for establishment and maintenance of ESCs (By similarity). Represses the transcription of a number of genes including GAST, ODC1 and VIM. Binds to the G-rich box in the enhancer region of these genes.[UniProtKB/Swiss-Prot Function]

Locus ID: 23528

MW: 77.6