

Product datasheet for **SC332233**

ZNF331 (NM_001253801) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF331 (NM_001253801) Human Untagged Clone
Tag: Tag Free
Symbol: ZNF331
Synonyms: RITA; ZNF361; ZNF463
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332233 representing NM_001253801.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCCCAGGTTTGGTGACGTTGCGCCGACGTAGCCATAGACTTTTCTCAGGAGGAGTGGGCCTGTCTG
AACTCTGCTCAGAGGGACCTGTACTGGGACGTGATGCTGGAGAACTACAGTAACTGGTCTCACTGGAT
TTGGAGTCAGCATATGAAAATAAGAGTTTACCTACAGAAAAAACATTCATGAAATAAGGGCTTCCAAA
AGGAATTCAGATAGAAGAAGTAAATCCCTTGGCCGTAAGTGGATATGTGAAGGTACGCTTAAAGACCA
CAGCGCTCCAGAGGGAGGTATGTCAATCAGATGATCATCAATTATGTCAAAGACCTGCTACTAGAGAA
GGCACCCCTCCTAGAACACATCAGAGACATCATAAGGAGAATTCCTTTGAATGTAAGGACTGTGGGAAG
GCCTTTAGTCGTGGCTATCAACTTAGTCAACATCAGAAAAATCCATACTGGTGAGAAACCTTATGAATGT
AAAGAATGTAAGAAGGCCTTCCGTTGGGCAATCAGCTTACTCAACATCAAAAAATTCATACTGGGGAG
AAGCCCTACGAATGTAAGACTGTGGGAAGGCTTTTCGATGGGGCTCAAGCCTCGTTATTGTAAGAGG
ATTCATACTGGTGAAAAACCTATGAATGTAAGACTGTGGAAAGGCCTTTCGGCGTGGTGATGAGCTC
ACTCAGCACCAGAGATCCACACTGGGGAGAAAGACTACGAATGCAAAGACTGTGGGAAGACCTTAGC
CGTGTGTATAAACTTATTCAGCACAAGAGAATTCATAGTGGGAGAAAGCCTTACGAGTGTAAAGACTGT
GGGAAGGCTTTTATTTGGTTCAAGCCTCATTACGATAAAAGAATTCACACAGGTGAGAAACCTAT
GAATGTCAAGAATGTGGGAAGGCTTTACTCGAGTCAATTACCTACTCAGCATCAGAAGATCCACACC
GGTGAGAAGCCTCACGAATGTAAGGAGTGTGGGAAGGCCTTTCGCTGGGGTTCGAGCCTCGTTAAGCAC
GAGAGGATACATACGGGCGAGAAGCCGTACAAGTGCACAGAATGTGGGAAGGCCTTCAATTGTGGCTAT
CACCTCACTCAGCAGGAGAGAATCCACACAGGCCGAAACCCCGTATAAATGTAAGGAGTGTGGGAAGGCT
TTCATTTATGGATCGAGCCTCGTAAACATGAGAGAATTCATACCGGGGTGAAACCTATGGGTGTACA
GAATGTGGGAAGAGCTTTAGTCACGGCCATCAGCTTACACAACATCAGAAAAACGCACAGTGGGGCGAAA
TCCTACGAATGTAAGGAGTGCGGGAAGGCATGTAACCACCTAAACCATCTCCGAGAACATCAGAGGATC
CACAACAGTTGA
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Restriction Sites: SgfI-MluI
ACCN: NM_001253801
Insert Size: 1392 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).
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_001253801.1</u>
RefSeq Size:	3913 bp
RefSeq ORF:	1392 bp
Locus ID:	55422
UniProt ID:	<u>Q9NQX6</u>
Cytogenetics:	19q13.42
Protein Families:	Transcription Factors
MW:	53.7 kDa
Gene Summary:	<p>This gene encodes a zinc finger protein containing a KRAB (Kruppel-associated box) domain found in transcriptional repressors. This gene may be methylated and silenced in cancer cells. This gene is located within a differentially methylated region (DMR) and shows allele-specific expression in placenta. Alternative splicing and the use of alternative promoters results in multiple transcript variants encoding the same protein. [provided by RefSeq, Nov 2015]</p> <p>Transcript Variant: This variant (7) differs in the 5' UTR compared to variant 1. All variants encode the same protein. 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>