

Product datasheet for **SC329021**

ZNF182 (NM_001178099) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF182 (NM_001178099) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF182
Synonyms:	HHZ150; KOX14; Zfp182; ZNF21
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001178099, the custom clone sequence may differ by one or more nucleotides

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ATGACACCAGCATCTGCATCTGGTGAAGACTCAGGAAGCTTCTACTCATGGCAGAAGGCA
AAGAGGGAACAGGGGCTAGTGACATTTGAAGATGTAGCTGTGGATTTACCCAGGAGGAG
TGGCAGTACCTGAACCCACCACAGAGGACCCTGTACAGAGACGTGATGCTGGAGACCTAC
AGCAACTTGGTCTTTGTGGGCAGCAGGTTACCAAACCAACCTCATCCTCAAGTTGGAG
GTAGAAGAATGCCCGCAGAAAGAAAAATCCCATTTTGGAACTTCCAGAAGCTGTCAA
GTTGATGAACAGATTGAGAGCAACATCAGGATGACCAAGATAAATGTCTGCTGATGCAA
GTTGGATTTTCTGACAAGAAAAAATTATCACCAAGAGTGCTCGTACTGTCATGAGTTT
GGAAACATACTTCATCTGAGTACAAACCTTGTGCTTCAATACAAAGACCCGATAAACAC
GAATCATTTGGAAATAATATGGTAGATAATTTAGACTTATTTAGTAGAAGTTCTGCAGAA
AATAAATATGATAATGGATGTGCAAAATGTTCTTCCATACTGAGTATGAGAAAACAAT
CCTGGAATGAAGCCCTATGGCTATAAAGAGTGTGGAAAGGTCTTAGCGGAAAGAAAGGC
CTTAGTCTACATCAGAGAATTAATAATGGAGAGAAACCCTTTGAATGACTGCATGTAGG
AAAACCTTCAGCAAGAAGTCACACCTCATTGTACATTGGAGAACTCATACGGGAGAGAAA
CCTTTTGGATGTACCGAATGTGGAAAAGCTTTTAGCCAAAAATCTCAGCTCATTATACAC
TTGCGAACTCATACAGGAGAGAGACCCTTTGAGTGTCTGAATGTGGAAAAGCCTTCAGA
GAAAAGTCAACTGTCATCATACATTACAGGACTCACACAGGAGAAAAACCTTATGAATGT
AATGAATGTGGAAAAGCCTTCACTCAGAAGTCCAACCTCATTGTCCATCAGAAAACCCAC
ACTGGAGAGAAAACCTATGAATGCACTAAATGTGGAGAATCTTTCATACAGAAGCTTGAT
CTAATTATACATCATAGTACCCATACAGGAAAGAAACCCCATGAATGTAATGAGTGAAG
AAAACCTTCAGTGATAAGTCAACTCTCATTATACACCAGAGAACTCATACGGGAGAGAAA
CCTCATAAATGTACTGAATGTGGAAAGTCTTCAATGAGAAGTCAACCCCTCATTGTGCAT
CAAAGAACTCATACAGGAGAGAAACCCATGAATGTGATGTGTGGAAAACCTTCACG
CAAAAAGTCAAACCTTGGTGTACATCAGAGAACTCATTGAGGAGAGAAACCTTTGAATGT
AATGAATGTGAGAAAAGCCTTCTCTCAGAAGTCTACCTCATGCTGCATCAGAGAGGTCAT
ACAGGAGAGAAAACCTTACGAGTGAATGAATGTGAAAAAGCATTTCACAGAAATCATAT
CTCATTATACATCAAAGAACTCATACAGAAGAAAAACCCATAAATGTAATGAATGTGGC
AAAGCCTTCAGAGAAAAGTCAAAGCTCATTATACATCAGAGAATTCATACAGGAGAGAAA
CCTTATGAATGCTCTGTGTGGAAAGCTTTTAGCCAGAAGTCAAGCTCATAATACAT
CAGAGAACGCACACGGGAGAGAAACCCATGCATGCACTGAGTGTGGCAAAGCCTTCCGA
GAAAAGTCAACATTCAGTGTACATCAAAGAACTCATACTGGAGAGAAACCCATAAATGT
ACAGAATGTGGAAAGCCTTTACCCAAAAATCAAACCTTATTGTACATCAGCGAACCCAT
GCAGGAAAGAAAGCCCATGGAAGAGGCCCACTCGGAAGTCAAAGTTCATGGCACATTAG

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- Restriction Sites:** Please inquire
- ACCN:** NM_001178099
- 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:

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: [NM_001178099.1](#), [NP_001171570.1](#)

RefSeq Size: 3669 bp

RefSeq ORF: 1920 bp

Locus ID: 7569

UniProt ID: [P17025](#)

Cytogenetics: Xp11.23

Gene Summary: Zinc-finger proteins bind nucleic acids and play important roles in various cellular functions, including cell proliferation, differentiation, and apoptosis. This gene encodes a zinc finger protein, and belongs to the krueppel C2H2-type zinc-finger protein family. It may be involved in transcriptional regulation. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, May 2010]
Transcript Variant: This variant (3) has an additional segment in the 5' UTR, as compared to variant 1. This variant and variant 1 encode the same isoform (1).