

Product datasheet for **SC319741**

ZNF37A (NM_001007094) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF37A (NM_001007094) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF37A
Synonyms:	KOX21; ZNF37
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001007094.1
 GGGGCGGGCCTTCTGGGCATGTCTGCCGTATGGCTCCAGGTTTGTCTTTCTCCCCGGCAC
 TCTGACGGGGAGGGCTCCCGGCATCTCCTGGCGTCCGGGTAGAGGACCGGGAGGATGCTG
 AGCTGCTGGCGCACTGCAGCACAAGTAGAGATGTACGGATGCCCCATCTTGATCTTACA
 GAATCAGAGGTACAGCCGCGAGAAAGAGTCAAGAACAGACAGAGTCGCTTGAGGACTCAG
 GAGGGTGTCTGCTGCGTTGACAACAGACTACACCCTCACAGTTTGCTCTGCTCTTCCAAC
 ACCAGTGAAGATGATCACATCCAGGGATCAGTGTGCTTTAGGGATGTACTGTGGGCT
 TCACTCAAGAGGAGTGGCAGCATCTGGACCCTGCTCAGAGGACCCTGTACAGGGATGTGA
 TGCTGGAGAACTACAGCCACCTTGTCTCAGTAGGGTATTGCATTCTAAACCAGAAGTGA
 TTCTCAAGTTGGAGAAAGGCGAGGAGCCATGGATATTAGAGGAAAAATTTCCAAGCCAGA
 GTCATCTGGAATTAATTAATACCAGTAGAACTATTCAATAATGAAGTTCAATGAGTTTA
 ACAAAGGTGAAAATGTTTCTGTGATGAAAAGCATGAAATAATTCATTCTGAAGAGGAAC
 CTTCTGAATATAATAAAAATGGGAACAGCTTCTGGCTGAATGAAGACCTCATTGGCATC
 AGAAAATTAATAAAAATGGGAACAATCTTTGAATACAATGAATGTGGGAAAGCTTCCCTG
 AGAATTCCTCTTCTGTACATAAGAGAGGTTACACAGGACAGAAAACCTGCAATATA
 CTGAACATGGGAAAACCTGTGATATGTCATTTTTTCATCACTCATCAGCAAACACATCCAA
 GAGAAAACCACTATGGTAAATGAATGTGGAGAAAATATCTTTGAGGAATCCATTCTCCTTG
 AACATCAGAGTGTACCATTACAGCCAGAAGTAAATCTCACTCCAATTCAGAGAACCC
 ACTCAATTAACAATATTATTGAATATAATGAGTGTGGAACATTTTTCAAGTAAAAATTAG
 TCCTTCATTTACAACAGAGAACACATACAGGAGAAAAACCTTATGAATGTCATGAATGTG
 GAAAAACCTTCACCCAGAAGTCAGCCCACACAAGACATCAGAGAACACACACAGGGGGAA
 AACCTATGAATGTCATGAATGTGGGAAGACCTTCTATAAGAATTCAGACCTCATTAAAC
 ATCAAAGAATTCATACAGGGGAGAGACCTTATGGATGTCATGAATGTGGGAAATCCTTCA
 GTGAAAAGTCAACCTTACTCAACATCAAAGAACGCACACAGGGGAGAAAACCATATGAAT
 GTCATGAATGTGGGAAAACCTTCTCATTAAAGTCAAGTCTTACTGTGCATCAGAAAACAC
 ACACAGGGGAGAAGCCCTATGAATGCTATGCATGTGGGAAAGCCTTCTCAGAAAATCAG
 ACCTCATTAAACATCAAAGAATACACACAGGTGAAAAACCTTATGAATGTAATGAATGTG
 GGAAGTCTTCTGAGAAGTCAACCTTACTAAACATCTAAGAATCAGACAGGTGAGA
 AACCTTATGAATGTATTCAGTGTGGAAAATTTTTCTGCTACTACTCCGGTTTCACAGAAC
 ATCTGAGAAGACACACAGGGGAGAAAACCTTTGGATGTAATGAATGTGGGAAAACCTTCC
 GTCAGAAGTCGGCCCTAATTGTTACCAGAGAACTCATATAAGACAGAAAACCTATGGAT
 GTAATCAATGTGGAAAATCATTCTGTGTGAAGTCAAAACTCATTGCACATCATAGAACAC
 ACACAGGGGAGAAAACCTATGAATGTAATGTTTGTGGAAAATCATTCTATGTTAAGTCAA
 AACTAACTGTACATCAGAGAATACACTTGGGGAGAAAACCTATAAATGTAGTAAACGAGG
 GAAATTAATCTGGGTGAAGTCAGAACTTTGTAGAACACAGAACATAAAGGGTGAGAGAAA
 TCTGTTAATAAATGATAATGAGAACACCTTGGCCCTGAAGTCAGTTCTCACAGTATAGA
 AGAGAACTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001007094

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_001007094.1</u> , <u>NP_001007095.1</u>
RefSeq Size:	7047 bp
RefSeq ORF:	1686 bp
Locus ID:	7587
UniProt ID:	<u>P17032</u>
Cytogenetics:	10p11.1
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. Variants 1-10 all encode the same isoform (a). 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.