

Product datasheet for SC319130

ZNF397 (NM_032347) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF397 (NM_032347) Human Untagged Clone
Tag: Tag Free
Symbol: ZNF397
Synonyms: ZNF47; ZSCAN15
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032347.1
 GTGGCTTGCAGCTCGGGTGGTGGCTCATTTCTGGCCGCTCCTGGGCTTCGCGGAAAG
 AAGAGATTACTCACACTCCTTCGCAAGCACAGAACCAGTTGTACTGAGCTTTTTGCTAAG
 CTGTTTCAGCCAAGAATGGCTGTGGAATCTGGAGTGATTTCAACCCTGATACCTCAGGAT
 CCTCCGGAACAAGAACTAATACTAGTGAAGTAGAAGATAACTTTTTCTGGGATGAGAAA
 TTTAAGCAGAATGGGAGTACTCAATCCTGCCAAGAATTGTTTCGTGAGCAATTCAGAAAA
 TTTTGCTACCAGGAGACCTGGGCCCGGGAGGCTCTGAGCCGACTCCAGGAACTTTGC
 TATCAGTGGCTAATGCCAGAGTTGCACACAAAGGAGCAGATCTTAGAACTGCTGGTACTG
 GAGCAGTTCCTGAGCATTCTGCCTGAGGAGCTGCAGATCTGGGTTGAGCAACATAATCCA
 GAAAGCGCGGAGGAAGCTGTGACCCTGTTGGAGGATTTAGAGAGGGAGTTTGATGACCCA
 GGGCAGCAGGTCCAGCTAGTCCACAGGGACCAGCAGTGCCATGGAAGGATTTAACATGT
 CTCAGAGCATCCCAAGAGTCAACAGACATCCACCTCCAGCCCTTAAAGACACAGCTGAAA
 TCCTGGAACCATGCCTTTCCCTAAAAGTGATTGTGAGAACAGTGAAACAGCAACAAAA
 GAGGGCATCTCAGAAGAAAAATCACAGGGACTCCCTCAGGAACCTTCATTTGAGGAATT
 AAGTTGTCAGACCTCCCAAAGCTTCTTCAGCTATCCGTTGGGAATGTGTTTCTCCAGGA
 AGTTTTCCCGGCGATATCATAGCTGCTGAGGCTACACATTCAACAATTTCTTGCTTTGCC
 ATCAACACTTTGCCAGCCACCATCCTGCCATCTAAAAATGTGAATAGAAAGTATTTTTCC
 TGAAGAACACATCGTCAATAAATCACCTGCACCCAAATCTCCATCTCAGGCGTACTTCT
 GGCAAGGCATATCATGAGGCTAGTGAAGCACCTACAAGAACTTAACTCAAGTTGTA
 AAAATGGCATGGTGACTCTTACAATCATATCACAGTGGGCTCTCCAACAATTTAAACCT
 CATGACCTAGGTGAAAGCTGTGAAAGGATCCACATTAATTCTTCAGAGGCAGGGCTAAGA
 CTTTCAAGACTGAAAAGAGACTAGCATAAGGAGACTTAACAGGAACCCAGTCAAGGCCAT
 TCATGGCCATGGGACCACGCATAAATGGAGAACGAGTAAATTTTGCTAAGTCCAAGGACA
 TTGGAGAGATAGAGTCACTATTACTGATATGGTGACTGAGTCAACAACATACTGCCACTA
 TGAAGTAATAAGAAAATAAAAAAGTTAAAAAATGTAACAGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_032347
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_032347.1</u> , <u>NP_115723.1</u>
RefSeq Size:	1439 bp
RefSeq ORF:	828 bp
Locus ID:	84307
UniProt ID:	<u>Q8NF99</u>
Cytogenetics:	18q12.2
Domains:	LER
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene encodes a protein with a N-terminal SCAN domain, and the longer isoform contains nine C2H2-type zinc finger repeats in the C-terminal domain. The protein localizes to centromeres during interphase and early prophase, and different isoforms can repress or activate transcription in transfection studies. Multiple transcript variants encoding different isoforms have been found for this gene. Additional variants have been described, but their biological validity has not been determined. [provided by RefSeq, Oct 2009]</p> <p>Transcript Variant: This variant (2) has an alternate 3' CDS and 3' UTR, as compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus that lacks the zinc finger domains, as compared to isoform 1.</p>