

Product datasheet for **SC336038**

ZNF202 (NM_001301819) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF202 (NM_001301819) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF202
Synonyms:	ZKSCAN10; ZSCAN42
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336038 representing NM_001301819. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTTGCTCTTCTACTGCTCTGTACAGGGACTGGTAACGTTCAAGGATGTGGCCGATGCTTTTCC
CAGGACCAGTGGAGTGATCTGGACCCAACAGAAAGATTCTATGGAGAATATGTCTTGAAGAAGAC
TGTGGAATTGTTGCTCTCTGTCAATTTCCAATCCCAGACCTGATGAGATCTCCAGGTTAGAGAGGAA
GAGCCTTGGGTCCAGATATCCAAGAGCCTCAGGAGACTCAAGAGCCAGAAATCCTGAGTTTTACCTAC
ACAGGAGATAGGAGTAAAGATGAGGAAGAGTGTCTGGAGCAGGAAGATCTGAGTTTGGAGGATATACAC
AGGCCTGTTTTGGGAGAACCAGAAATCCACGACTCCAGATTGGGAAATAGTCTTTGAGGACAATCCA
GGTAGACTTAATGAAAGAAGATTTGGTACTAATATTTCTCAAGTGAATAGTTTTGTGAACCTTCGGGAA
ACTACACCCGTCACCCCTGTTAGGGAGGCATCATGACTGTTCTGTGTGTGAAAGAGCTTCACTTGT
AACTCCCACCTTGTTAGACACCTGAGGACTCACACAGGAGAGAAACCTATAAATGTATGGAATGTGGA
AAAAGTTACACACGAAGCTCACATCTTGCCAGGCACAAAAGGTTACAAGATGAACGCGCCTTACAAA
TATCCCTAAACCGGAAGAATTTGGAAGAGACCTCCCTGTGACACAGGCTGAGAGAATCCATCAGTG
GAGAAACCCTATAGATGTGATGATTGCGGAAAGCACTTCCGCTGGACTTCAGACCTGTGACAGATCAG
AGGACACATACTGGAGAAAAACCTTCTTTTGTACTATTTGTGGCAAAGCTTCAGCCAGAAATCTGTG
TTAAACAACACACCAAGAATCCACCTGGGAGGCAAAACCTACTTGTGTGGAGAGTGTGGTGGAGCTTC
AGTGAACACAGGCGGTACCTGGCGCACCGGAAGACGCACGCTGCTGAGGAACTTACCTCTGCAGCGAG
TGCGGGCGCTGCTTACCCACAGCGCAGCGTTCGCCAAGCACTTGAAGGACACGCCTCAGTGAGGCC
TGCCGATGCAACGAATGTGGAAAGACTTCAGTCGAGGGACCACCTCGTCAGGCATCAGAGAACACAC
ACTGGGGAGAAACCATTACGTGCCCTACCTGTGGAAAAAGCTTCAGCAGAGGATATCACTTAATTAGG
CATCAGAGGACCCACTCAGAAAAGACCTCTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001301819
Insert Size:	1275 bp
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:	NM_001301819.1
RefSeq Size:	4110 bp
RefSeq ORF:	1275 bp
Locus ID:	7753
UniProt ID:	O95125
Cytogenetics:	11q24.1
Protein Families:	Transcription Factors
MW:	49 kDa
Gene Summary:	<p>Transcriptional repressor that binds to elements found predominantly in genes that participate in lipid metabolism. Among its targets are structural components of lipoprotein particles (apolipoproteins AIV, CIII, and E), enzymes involved in lipid processing (lipoprotein lipase, lecithin cholesteryl ester transferase), transporters involved in lipid homeostasis (ABCA1, ABCG1), and several genes involved in processes related to energy metabolism and vascular disease.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses a downstream start codon compared to variant 1. It encodes isoform 2 which has a shorter N-terminus compared to isoform 1.</p>