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Product datasheet for SC320449

ZNF444 (NM_018337) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF444 (NM_018337) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF444
Synonyms:	EZF-2; EZF2; ZSCAN17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

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>OriGene sequence for NM_018337.2
GGACCTCGCCTGAGAGAGTGAGGACAGGCTGCGGGAGGAGCTGCAGGACTGAGGTACAGA
GGCCAGGGGCCCAGGGCAGGACCCAGCCTGGACTTGACTCCCTGGGATCCCAGGAAGGGC
ACACCCTTTCCTCACCACCCGAGTGAGCGCTGCCCCCTCACAGAGACCTCTTTGCCCCCT
GGGCCAGGCAGAGCAGGCGCTGCGGTCCGGGAGGCCCCATGGAGGTGGCGGTGCCCGTGA
AGCAGGAGGCCGAGGGCCTGGCGCTGGACTCCCCGTGGCACCGCTTCCGCCGCTTCCACC
TGGGCGACGCGCCGGGCCCGCGGGAGGCGCTGGGGCTGCTCCGCGCCCTGTGCCGGGACT
GGCTGCGGCCCGAGGTGCACACCAAGGAGCAGATGTTGGAGCTGCTGGTGCTGGAACAGT
TCCTGAGCGCGCTGCCCGCCGACACGCAGGCCTGGGTGTGCAGCCGGCAGCCGCAGAGCG
GGGAGGAGGCGGTGGCCCTGCTGGAGGAGCTCTGGGGGCCAGCAGCCTCCCCCGATGGGT
CGTCAGCAACGAGGGTGCCTCAGGATGTGACGCAGGGCCCTGGGGCCACAGGTGGAAAGG
AGGACAGTGGGATGATTCCCTTAGGCACCGCCCCTGGGGCTGAGGGGCCGGCGCCTGGGG
ACTCCCAGGCTGTGCGCCCCTACAAGCAGGAGCCCAGCAGCCCCCCGCTGGCGCCTGGCC
TGCCCGCCTTCCTAGCGGCCCCGGGCACCACGTCCTGCCCCGAGTGCGGCAAAACGTCCC
TGAAACCAGCTCACCTGCTGCGCCACCGGCAGAGCCACTCGGGCGAGAAGCCGCACGCCT
GCCCTGAGTGCGGGAAGGCCTTTCGGCGCAAGGAGCACCTGCGGCGCCACCGCGACACGC
ACCCCGGCAGCCCCGGCAGCCCCGGGCCCGCGCTGCGCCCTCTGCCCGCCCGTGAGAAGC
CCCACGCGTGCTGCGAGTGTGGCAAGACCTTCTACTGGCGCGAGCACCTGGTGCGCCACC
GCAAGACGCACTCGGGAGCGCGGCCCTTTGCCTGCTGGGAGTGTGGCAAGGGCTTCGGGC
GCCGCGAGCACGTGCTGCGCCACCAGCGCATCCACGGCCGGGCAGCGGCCAGCGCGCAGG
GGGCGGTAGCTCCGGGCCCGGATGGTGGAGGCCCCTTCCCGCCCTGGCCCTTGGGTTAGC
CGCCTCCCGGCCAGCGCCATCTCCCGCCCTTGGTGCTGCCCCCGGGCGGTACCTGCTCTC
TCCCAGCGCCACTTGGCCTCTTCCCCTCCTCCTTCCCTCCCATCGTCCTCCTCCACCTGC
ACCTCCCTTGTCTGAACTTCCCAACGCCTTCCTATTCCTTTCCAACTCCTTTTCCCCCAA
ATTTCACTTTCCTTCTCAGGTCTCACCTCAGCCCCCCCCTTCTCCCTGATTTCTCGGCCT
CTCTCTCTGTGTGAAGGGGCCTCTCCCTAATGTCTCCTCCTTCCCCCCTCTTCTCTCTCC
TGCGGCCCAGCCTCCCTCTCCCTCCTCCATTCCTCTCTCCCTGCCCTTTTCCTGCCTGAA
GAGCAGAGGTGAGGACCTGGGACCCCTGAGGGGCAGGCCAGGAGGAGCTTGGGCGCAGGC
CAGGCCCCCTTGGTGAAGCAGAGGCTGAAGGAAAGGGGTCTGGGTCTTGTCCCTAGGAAT
TCTCCTCCCTCAGGAGATTGGGGGTTGGGGGAGGCAGCGGGTGATGGCTCTGAAGCTGAA
CCCAGGGCCTGGCTGTGGTCTTCTTGGTCTTGCTGCCCCCTGTGACCCAAAGGCATGGGA
TGGACAGAGATGCCTGCCCCCGTGAAGCTGGTTGGGGAGGGCAGTTCACCAGCATCCATA
GAGTAATAAAGTCACTGTGTGTAGACCCGGAACAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_018337

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_018337.2, NP_060807.2
RefSeq Size:	2059 bp
RefSeq ORF:	984 bp
Locus ID:	55311
UniProt ID:	Q8N0Y2
Cytogenetics:	19q13.43
Domains:	LER, zf-C2H2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	This gene encodes a zinc finger protein which activates transcription of a scavenger receptor gene involved in the degradation of acetylated low density lipoprotein (Ac-LDL) (PMID: 11978792). This gene is located in a cluster of zinc finger genes on chromosome 19 at q13.4. A pseudogene of this gene is located on chromosome 15. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1).