

Product datasheet for **SC332227**

ZNF444 (NM_001253792) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF444 (NM_001253792) Human Untagged Clone
Tag: Tag Free
Symbol: ZNF444
Synonyms: EZF-2; EZF2; ZSCAN17
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332227 representing NM_001253792.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAGGTGGCGGTGCCGTGAAGCAGGAGGCCGAGGGCTGGCGCTGGACTCCCGTGGCACCCTTC
 CGCCGCTTCCACCTGGGCGACGCGCCGGGCCCGGGAGGCGCTGGGGCTGCTCCGCGCCCTGTGCCG
 GACTGGCTGCGGCGCGAGGTGCACCAAGGAGCAGATGTTGGAGCTGCTGGTGTGGAACAGTTCCTG
 AGCGCGCTGCCGCCGACACGACAGGCTGGGTGTGCAGCCGGCAGCCGAGAGCGGGAGGAGCGGTG
 GCCCTGCTGGAGGAGCTCTGGGGCCAGCAGCCTCCCCGATGGGTGTCAGCAACGAGGGTGCCTCAG
 GATGTGACGCAGGGCCCTGGGGCCACAGGTGAAAGGAGGACAGTGGGATGATTCCTTAGGCACCGCC
 CCTGGGGCTGAGGGGCCGCGCCTGGGGACTCCAGGCTGTGCGCCCTACAAGCAGGAGCCAGCAGC
 CCCCCGCTGGCGCTGGCCTGCCCGCTTCTAGCGGCCCGGGCACCACGTCTGCCCCGAGTGGGGC
 AAAACGTCCCTGAAACCAGCTCACCTGTGCGCCACCGGCAGAGCCACTCGGGCGAGAAGCCGACGCGC
 TGCCCTGAGTGGCGGAAGGCCTTTCGGCGCAAGGAGCACCTGCGGCGCCACCGCGACACGCCCGGC
 AGCCCCGCGAGCCCCGGGCCCGCTGCGCCCTCTGCCGCCCGTGAGAAGCCCCACGCGTGTGCGAG
 TGTGGCAAGACCTTCTACTGGCGCGAGCACCTGGTGGCCACCGCAAGACGCACTCGGGAGCGGGCCC
 TTTGCTGCTGGGAGTGTGGCAAGGGCTTCGGGCGCCGCGAGCACGTGCTGCGCCACCAGCGCATCCAC
 GGCCGGCAGCGCCAGCGCGCAGGGGGCGGTAGCTCCGGGCCCGGATGGTGGAGGCCCTTCCCGCC
 TGCCCTTGGGTAG

Restriction Sites: SgfI-RsrII

ACCN: NM_001253792

Insert Size: 981 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).



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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_001253792.1</u>
RefSeq Size:	2061 bp
RefSeq ORF:	981 bp
Locus ID:	55311
UniProt ID:	<u>Q8N0Y2</u>
Cytogenetics:	19q13.43
Protein Families:	Druggable Genome, Transcription Factors
MW:	35.1 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region compared to variant 1. The resulting protein (isoform 2) is shorter compared to isoform 1.</p>