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Product datasheet for SC113555

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:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC113555 sequence for NM_018337 edited (data generated by NextGen Sequencing)

ATGGAGGTGGCGGTGCCCGTGAAGCAGGAGGCCGAGGGCCTGGCGCTGGACTCCCCGTGG
CACCGCTTCCGCCGCTTCCACCTGGGCGACGCGCCGGGCCCGCGGGAGGCGCTGGGGCTG
CTCCGCGCCCTGTGCCGGGACTGGCTGCGGCCCGAGGTGCACACCAAGGAGCAGATGTTG
GAGCTGCTGGTGCTGGAACAGTTCCTGAGCGCGCTGCCCGCCGACACGCAGGCCTGGGTG
TGCAGCCGGCAGCCGCAGAGCGGGGAGGAGGCGGTGGCCCTGCTGGAGGAGCTCTGGGGG
CCAGCAGCCTCCCCCGATGGGTCGTCAGCAACGAGGGTGCCTCAGGATGTGACGCAGGGC
CCTGGGGCCACAGGTGGAAAGGAGGACAGTGGGATGATTCCCTTAGCAGGCACCGCCCCT
GGGGCTGAGGGGCCGGCGCCTGGGGACTCCCAGGCTGTGCGCCCCTACAAGCAGGAGCCC
AGCAGCCCCCCGCTGGCGCCTGGCCTGCCCGCCTTCCTAGCGGCCCCGGGCACCACGTCC
TGCCCCGAGTGCGGCAAAACGTCCCTGAAACCAGCTCACCTGCTGCGCCACCGGCAGAGC
CACTCGGGCGAGAAGCCGCACGCCTGCCCTGAGTGCGGGAAGGCCTTTCGGCGCAAGGAG
CACCTGCGGCGCCACCGCGACACGCACCCCGGCAGCCCCGGCAGCCCCGGGCCCGCGCTG
CGCCCTCTGCCCGCCCGTGAGAAGCCCCACGCGTGCTGCGAGTGTGGCAAGACCTTCTAC
TGGCGCGAGCACCTGGTGCGCCACCGCAAGACGCACTCGGGAGCGCGGCCCTTTGCCTGC
TGGGAGTGTGGCAAGGGCTTCGGGCGCCGCGAGCACGTGCTGCGCCACCAGCGCATCCAC
GGCCGGGCAGCGGCCAGCGCGCAGGGGGCGGTAGCTCCGGGCCCGGATGGTGGAGGCCCC
TTCCCGCCCTGGCCCTTGGGTTAG

Clone variation with respect to NM_018337.2

View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018337 unedited
NNAAGTTCAAATTTTGTATACGACTCATATAGGCGGCNCGCGATTCGGCACCAGCACACC
CTTTTCCTCACCACCCGAGTGAGCGCTGCCCCCTCACAGAGACCTCTTTGCCCCCTGGGC
CAGGCAGAGCAGGCGCTGCGGTCCGGGAGGCCCCATGGAGGTGGCGGTGCCCGTGAAGCA
GGAGGCCGAGGGCCTGGCGCTGGACTCCCCGTGGCACCGCTTCCGCCGCTTCCACCTGGG
CGACGCGCCGGGCCCGCGGGAGGCGCTGGGGCTGCTCCGCGCCCTGTGCCGGGACTGGCT
GCGGCCCGAGGTGCACACCAAGGAGCAGATGTTGGAGCTGCTGGTGCTGGAACAGTTCCT
GAGCGCGCTGCCCGCCGACACGCAGGCCTGGGTGTGCAGCCGGCAGCCGCAGAGCGGGGA
GGAGGCGGTGGCCCTGCTGGAGGAGCTCTCGGGGCCAGCAGCCTCCCCCGATGGGTCGTC
AGCAACGAGGGTGCCTCAGGATGTGACGCAGGGCCCTGGGGCCACAGGTGGAAAGGAGGA
CAGTGGGATGATTCCCTTAGCAGGCACCGCCCCTGGGGCTGAGGGGCCGGCGCCTGGGGA
CTCCCAGGCTGTGCGCCCCTACAAGCAGGAGCCCAGCAGCCCCCCGCTGGCGCCTGGCCT
GCCCGCCTTCCTAGCGGCCCCGGGCACCACGTCCTGCCCCGAGTGCGGCAAAACGTCCCT
GAAACCAGCTCACCTGCTGCGCCACCGGCAGAGCCACTTCGGGCGAGAAGCCGCACGCCT
GCCCTGAGTGCCGGGAAGGGCCTTNNTCGCGCAGGNAGCACCTGNCGCGCCACCGCGACA
CGCACCCCGGCAGNCCCGGGCCCGCGCTGCGCCCTCTGNCCGNCCGTGAGAAGCCCCAGC
GTGCTGGCGAGTGTGGGCAAGACCTCTACTGGCGCGAGCACCTGGA

Restriction Sites: NotI-NotI

ACCN: NM_018337

Insert Size: 2150 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).

OTI Annotation: A TrueClone.

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).