

Product datasheet for **SC116138**

ZNHIT1 (NM_006349) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNHIT1 (NM_006349) Human Untagged Clone
Tag: Tag Free
Symbol: ZNHIT1
Synonyms: CG1I; ZNFN4A1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_006349 edited
 ATGGTGGAGAAGAAAACCTTCGGTTCGCTCCAGGACCCCGGGCAGCGGGGTGCTGGAC
 CGGGCTGCCCGCAGCGTCGCATCAACCGCAGCTGGAGGCCCTGGAGAATGACAACTTC
 CAGGATGACCCCCACGCGGGACTCCCTCAGCTCGGCAAGAGACTGCCTCAGTTTGATGAC
 GATGCGGACACTGAAAAGAAAAAGAAAACCCGAGGTGATCATTTTTAACTTCGCTTC
 CGAAAAAACTTTTCAGGCCCTGTTGGAGGAGCAGAACTTGAGTGTGGCCGAGGGCCCTAAC
 TACCTGACGGCCTGTGCGGGACCCCATCGCGGCCCCAGCGCCCTTCTGTGCTGTCTGT
 GGCTTCCCATCCCCCTACACCTGTGTCAGCTGCGGTGCCCGTACTGCACTGTGCGCTGT
 CTGGGGACCCACCAGGAGACCAGGTGTCTGAAGTGGACTGTGTGA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_006349 unedited
 GGTGAGTTTGTATCCGACTTCTATAGGCGGCCGCAATTTCGCACGAGGCTCGTGCCG
 AATTTCGGCAGGAGGTTGTGTTGTGCCAATGGTGGAGAAGAAAACCTTCGGTTCGCTCCCA
 GGACCCCGGGCAGCGGGGTGCTGGACCGGGCTGCCCGCAGCGTCGCATCAACCGGCA
 GCTGGAGGCCCTGGAGAATGACAACTTCAGGATGACCCACGCGGGACTCCCTCAGCT
 CGGCAAGAGACTGCCTCAGTTTGATGACGATGCGGACACTGAAAAGAAAAAGAAAAC
 CCGAGGTGATCATTTTTAACTTCGCTTCCGAAAAAACTTTTCAGGCCCTGTTGGAGGAGCA
 GAAGTTGAGTGTGGCCGAGGGCCCTAACTACCTGACGGCCTGTGCGGGACCCCATCGCG
 GCCCAGCGCCCTTCTGTGCTGTCTGTGGCTTCCCATCCCCCTACACCTGTGTCAGCTG
 CGGTGCCCGTACTGCACTGTGCGCTGTCTGGGACCCACCAGGAGACCAGGTGTCTGAA
 GTGGACTGTGTGAGCCTGGGCATTCCCAGAGAGGAAGGGCCGCTGTGCACTGCCCGGCT
 TCAGAAAGACAGAATTTTCATCACCAATGCAGGGGGAGCTTCTCTGGACCAAGGGAGGA
 GCCGCTCATTACCCAAACAAAATGTGTCTTATCTGCCAGGAAAGACCAGCCTACTCCT
 GNGAACTGTCTGGCAGGTAGGCTGGGCCCCCATGCTGTTAGATAAAAAGCCTCGTGCCG
 GAAAAAACCNCCACCCCNACCCCTCCCCCCCCACCCCCCAAAAAAAAAAAAAAAC
 TCCCTCTAATGCGGCCGCGCCATAGCTGTTCTGAAAAGACCCGGGTGCATCCT

Restriction Sites: NotI-NotI



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ACCN:	NM_006349
Insert Size:	840 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_006349.2 , NP_006340.1
RefSeq Size:	1208 bp
RefSeq ORF:	465 bp
Locus ID:	10467
UniProt ID:	O43257
Cytogenetics:	7q22.1
Domains:	zf-HIT
Gene Summary:	Seems to play a role in p53-mediated apoptosis induction. Binds to NR1D2 and relieves it of its inhibitory effect on the transcription of APOC3 without affecting its DNA-binding activity. [UniProtKB/Swiss-Prot Function]