

Product datasheet for **SC114451**

ZNF706 (NM_016096) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF706 (NM_016096) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF706
Synonyms:	HSPC038; PNAS-106; PNAS-113
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114451 sequence for NM_016096 edited (data generated by NextGen Sequencing) ATGGCTCGTGGACAGCAGAAAAATTCAGTCTCAGCAGAAAAATGCCAAAAAGCAAGCTGGA CAAAAAGAAAGAAACAAGGACATGACCAAAAGGCTGCTGCCAAAGCTGCCTTAATATATACC TGCACTGTCTGTAGGACACAAATGCCAGACCCTAAGACCTTCAAGCAGCACTTTGAGAGC AAGCATCCTAAGACTCCACTTCTCCAGAATTAGCTGATGTTTCAGGCATAA Clone variation with respect to NM_016096.3 >OriGene 5' read for NM_016096 unedited GTAATACGACCTCACTATAGGGCGGCGCGAATTCGCACGAGGCGGCGGGCGCGCGCA GGCTGTTGTGCTCCCGGCTCTCGTGTTCCTCCTGAGCGGGTGGAGGAGGCCCAAGCG GTGCTGGGCGCGCTCCCGCTTCTTTCCCTCCGCGCTCCTCCTCCGCGCTCTCGCGCTG CACTGTCTCTCCGACGCAAGACTGTCCCGCGCCGATATGGCTCGTGGACAGCAGAAAAAT TCAGTCTCAGCAGAAAAATGCCAAAAAGCAAGCTGGACAAAAGAAGAAACAAGGACATGA CCAAAAGGCTGCTGCCAAAGCTGCCTTAATATATACCTGCACTGTCTGTAGGACACAAAT GCCAGACCCTAAGACCTTCAAGCAGCACTTTGAGAGCAAGCATCCTAAGACTCCACTTCC TCCAGAATTAGCTGATGTTTCAGGCATAAGGTTGTTTACAGGTGAATTCATGACACCTTTG ACTCTTCTACTGTCTCAGACCTTAGGTAACATACCTGCAGCTGCTTTTCTAACAACCTGT TGATCAGCAAAAAATAAAGGGGCTACAGAAACACTCATTTTTATGCTGTTCCCTCTTGGGC TTCATGCAAGACAATTCTGTGTAATGTACAGTTGACTCTGATTTGGAAAATGAAAATC AGTCCATCCTTGTATAAAAAATTTTTTACAATTGTATTATTTGATGGTCANNTATG TGTAATAAATCACTTTTATAAATAGTACTTTGATTTACGACATCCAGGATAAAATGGTT TTAGAAAATCTGTTCTAATTTTACATTATTTTGCCTATAAAATCTAATGAANTNCTCAG CTAGATTTGGCAGTGAATCTTATCCCTTCTCTGCCANGGGGAGGTNCCTCAGTAAC TAGAGCGACTGATCATT
5' Read Nucleotide Sequence:	



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_016096 unedited <pre> GCGGCCGCAATCTAGAGNCGAGNTTT TTTTTCTTTAAACCTTCTTTAATAAAACATTACAGCACAACTGACCCCCCAGGGGG TCAGTTAAACATGGGGATGTATATCCATGTGAAAAAAGGGAACAAGTTAATTTTAAC CCCATTCTTTTGCAAGTAATAAAAAACAGCATACAAAGGGACCAATTTTTTTTCAGG GTTATTTTATCAAGTCTTTGAAAAACACCATAACAGTTTATAATGAACTTTGCTGCAATC TGTTAAAAAATCTTCAAATTAATTACAGGGATGTTGGGTTTTTAACCAAACACAGTAA AAGGGGGATTGTACTAATAATCCCTCATGAAGTATAAGGATGATTATGCTCATGTAAAA CCAATGCAGTTATTTCCCTATCACTGAAATATAGGGTAAAAATATGGGGTCTTCAGCTGCT TATAAAAAAGGGTTAAATACAAGAACAAAAACCTTTCTCTGAATTAGCCCTAAACC AACCGAAAAAACCACCTTGGGAATGGTTTTATGATTTGCCACTAAACATA TACATATGCTCAAAGCATTTTTAAAACTTTAAGTTGAGATTTAACCAAACTTTTGCAA TATCCCCAAGAAATAGGGAATACTACGTTTGGGAATCCGACTTGTAGGAAACAA CGATTTTACCTTTGAACTTAGGGAATAAAATCCCCAACTAAAGGGTTTTTTTAAGT AAGGGCATAAGAAAGAATTGTTAAAAAATAAANCCTGAACTTTTCCTTGAAACGTT TTAAACTAAAGGGAACAAGGGGGCAAATTGCCAGCTTCAACAAACCATGTTTACTCC CCGCAAAAGGAATGCTTTGTATCCCAAGAAAAATAAAGGCTTTACCAGCCCCANAA GGATTTAGGGTCTCTTTATAATTAATTAATATAACCGGTTAACCCGCTCCACAGTA GAGGTGGG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016096
Insert Size:	2690 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:	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_016096.2</u> , <u>NP_057180.1</u>
RefSeq Size:	2625 bp
RefSeq ORF:	231 bp
Locus ID:	51123
UniProt ID:	<u>Q9Y5V0</u>
Cytogenetics:	8q22.3

Domains: zf-C2H2

Gene Summary: Transcription repressor involved in the exit of embryonic stem cells (ESCs) from self-renewal. Acts by repressing expression of KLF4.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 3, 4 and 5 encode the same protein.