

Product datasheet for **SC100480**

ZNF436 (NM_030634) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF436 (NM_030634) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF436
Synonyms:	Zfp46; ZNF
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_030634, the custom clone sequence may differ by one or more nucleotides

ATGGCAGCCACCCTGCTCATGGCTGGGTCCCAGGCACCTGTGACGTTTGAAGATATGGCCATGTATCTCA
 CCCGGGAAGAATGGAGACCTCTGGACGCTGCACAGAGGGACCTTTACCGGATGTTATGCAGGAGAATTA
 TGGAAATGTTGTCTCACTAGATTTTGAATCAGGAGTGAGAACGAGGTAAATCCCAAGCAAGAGATTAGT
 GAAGATGTACAATTTGGGACTACATCTGAAAGACCTGCTGAGAATGCTGAGGAAAATCCTGAAAGTGAAG
 AGGGCTTTGAAAGCGGAGATAGGTCAGAAAGACAATGGGAGATTTAACAGCAGAAGAGTGGGTAAAGCTA
 TCCTCTCCAACCACTGCTGATCTACTTGTCCACAAAGAAGTCCACACAGGCATCCGCTATCATATATGT
 TCTCATTGTGAAAGGCCTTCAGTCAGATCTCAGACCTTAATCGACATCAGAAGACCCACACTGGAGACA
 GACCCTATAAATGTTATGAATGTGGAAAAGGCTTCAGTCGCAGCTCACACCTTATTCAGCATCAAAGAAC
 ACATACTGGGGAGAGGCCTTATGACTGTAAAGAGTGTGGGAAAAGTTTGGAAAGAAGTTCTCACCTGATT
 CAGCATCAGACAATCCACACTGGAGAGAAGCCTCACAAATGTAATGAGTGTGGAAGAAAGTTTCTGCCGTC
 TCTCTCACCTAATCCAACACCAAGGACCCACAGTGGTGAGAAACCTATGAGTGTGAGGAGTGTGGGAA
 AAGCTTCAGCCGAGCTCTCACCTAGCTCAGCACCAGAGGACCCACACGGGTGAGAAACCTATGAATGT
 AACGAATGTGGCCGAGGCTTCAGTGAGAGATCTGATCTCATCAACACTATCGAGTCCACACAGGGGAGA
 GGCCCTACAAGTGTGATGAGTGTGGGAAGAATTCAGTCAGAACTCCGACCTTGTGCGTCATCGCAGAGC
 CCACACGGGAGAGAAGCCATACCACTGTAAAGAAATGTGGGAAAATTTACGCCGATCTCACACTTGGTT
 CAGCACCAGAGAATCAGACTGGAGAGAAGCCATATGAATGCAATGCTTGTGGGAAAAGCTTCAGCCGGA
 GCTCTCATCTCATCACACACCAGAAAATTCAGACTGGAGAGAAGCCTTATGAGTGTAAAGTGTGTCG
 AAGCTTTGGTGAAGGTGAGATCTAATTAACATCAGAGAACCCACACAGGGGAGAAGCCCTACGAGTGT
 GTGCAAGTGTGGGAAAGTTTCAACCAGAGCTCAACCTCATCACATCAAAGAGTTCACACGGGAGAGA
 AACCTTATGAATGTACCGAATGTGAGAAGAGTTTCAGCAGGAGCTCAGCTCTTATTAACATAAGAGAGT
 TCATACGGACTAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_030634 unedited TCAAAATTTGTAATACGACTCACTATAGGGCGGCCGAAATTCGCACGAGGCTCCACCC CGCTGTGGCGGAGAGCAGAGGGCGGGTCGCGCTCGAGGGTCAGGGAGGAGAGTGACCCGGC CCTGGTCCAGGGCCCTCCCTGCCCGCCTTGGGGCCAGAACTCCAGCCCTGGGGAGTGGGC AGGGCCTGTTTTCCGTGCCTCACGCCCTGCTTTTCGCCTCCTTCAGCGCTGTCTGCTAGC TGCTTTTCCTGCTCTCTCTCCCTGGAGGCGAACCTTGTGCTCGAGATGGCAGCCACCCT GCTCATGGCTGGGTCCCAGGCACCTGTGACGTTTGAAGATATGGCCATGTATCTCACCCG GGAAGAATGGAGACCTCTGGACGCTGCACAGAGGGACCTTACCAGGATGTTATGCAGGA GAATTATGGAAATGTTGTCTCACTAGATTTGAGATCAGGAGTGAGAACGAGGTAATCC CAAGCAAGAGATTAGTGAAGATGTACAATTTGGGACTACATCTGAAAGACCTGCTGAGAA TGCTGAGGAAAATCCTGAAAGTGAAGAGGGCTTTGAAAGCGGAGATAGGTCAGAAAGACA ATGGGGAGATTTAACAGCAGAAGAGTGGGTAAGCTATCCTCTCCACCACTCACTGATCTA CTTGTCACANAGAAGTCCACACAGGCATCCGCTATCATATATGTTCTCATTGTGAAAAA GCCTTCAGTCAGATCTCAGACCTAATCGACATCAGAAGACCACACTGGAGACAGACCCTT TAATGTATGAATGTGAAAGGCTTAGTCGCAGCTCACACCTATTACATCAAAGACCATA CTGGGGAAAGGGCTTAGACTGTACAGTGTGGGAAAGTTTGAAGAGTTCTACCTGATAC ATCAGACAATCAATGGAGAGAGCTCCAATGTATGAGGTGGAAGT
Restriction Sites:	NotI-NotI
ACCN:	NM_030634
Insert Size:	4700 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:	NM_030634.1 , NP_085137.1
RefSeq Size:	3884 bp
RefSeq ORF:	1413 bp
Locus ID:	80818
UniProt ID:	Q9C0F3
Cytogenetics:	1p36.12
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors

Gene Summary:

May be a transcriptional repressor.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same protein.