

Product datasheet for **SC127606**

ZNF336 (GZF1) (NM_022482) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF336 (GZF1) (NM_022482) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF336
Synonyms:	JLSM; ZBTB23; ZNF336
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_022482, the custom clone sequence may differ by one or more nucleotides

```

ATGGAAGCGGTGCAGTTCTGCTGGAATCCAAATCCTCCCCATTTAACCTACTGCATGAGATGCATGAGC
TTCGCCTCCTGGGTCACCTGTGTGACGTGACAGTCAGCGTGGAGTATCAGGGTGTCGCAAGACTTCAT
GGCCACAAGGCAGTGTGGCTGCCACCAGCAAGTTTTTAAGGAAGTGTTCCTTAATGAGAAGAGTGTG
GATGGTACTAGGACTAATGTCTACTTAAATGAAGTGCAGGTTGCTGACTTTGCTTCATTTCTTGAGTTG
TCTACACTGCAAAGGTACAGGTGGAAGAAGATCGGGTGCAGCGAATGCTGGAAGTGGCTGAAAAGCTGAA
ATGTTTGGATTTATCAGAACTTGTCTTCAATTAAGAAACAGATGTTAGAGTCAGTACTTTTGAGTTG
CAAAATTTCTCAGAGTCTCAGGAGGTGGAGGTGAGCAGTGGCTCCCAAGTTAGTGTCTCTGCCCCCA
GGGCAAGTGTGGCCACCGATGGCCCTACCCCAAGTGTCTCAGGATTCTTGACTACCCAGGAGAGAG
AGCCAGCAATGGCATGTCTTCAGATTTGCCACCGAAGAAGTCCAAGGACAACTAGACAAGAAGAAAGAG
GTAGTTAAACCTCCCTACCTAAAATCAGGAGAGCTAGTGAAGGCTGGCTGGGAGGAAGGTCTTTGTGG
AGATCCCTAAAAAGAAATATACGAGAAGACTCCGAGAGCAGCAGAAAACCTGCTGAGGGTGTGTGGGGGA
CTACAGGTGTCCCCAGGACCAAAGCCCGACAGGGTGGGCACGGAGATGGAGCAGGTTTCCAAAAATGAG
GGTTGCCAGGCAGGTGCTGAGTTGGAGGAATTGTCAAAGAAAGCAGGGCCGGAGGAGGAAGAGGAGGAGG
AGGAGGAGGACGAAGAAGGGGAGAAGAAGAAGAGCAACTTTAAGTGCAGCATTTGCGAGAAGGCGTTTCT
GTATGAGAAGAGCTTCTGAAGCACAGCAAGCACCGCCACGGCGTGGCCACCGAGGTGGTGTACCGCTGC
GACACCTGCGGCCAGACCTTCGCCAACCGCTGCAACCTGAAGAGCCACCAGCGCCACGTGCACAGCAGCG
AGCGCCATTTCCCATGCGAGCTGTGCGGAAGAAGTTCAGCGCAAGAAGGACGTGAAGCGGCACGTGCT
GCAGGTGCATGAGGGCGGCGGCGAGCGGCACCGCTGCGGCCAGTGCAGCAAGGGCCTGAGTTCGAAGACA
GCGCTGCGGCTGCACGAGCGCACACACAGGGAGACCGGCCCTACGGCTGCACCGAGTGCAGCGCCAGGT
TCTCGCAGCCGTCCGCGCTCAAGACGCACATGAGAATTATACAGGGGAAAAACCTTTTGTCTGTGATGA
ATGTGGTGCAAGATTCACTCAGAACCATGCTGATTTATCATAAAAGGTGTACACAGGTGAAAGACCT
TTTATGTGTGAAACATGTGGCAAGAGTTTTGCTTCTAAGGAGTACTTAAACACCACAATAGAATCCATA
CTGGATCCAAACCCTTTAAATGTGAAGTATGTTTCAGGACTTTTGCCAGCGGAATTCAGTGTACCAGCA
TATTAAGTCCACACAGGGGAGCGTCCCTACTGCTGTGACCAGTGCAGCAAGCAGTTCACCCAGCTCAAC
GCCCTCCAGCGCCACCGCCGATCCACACAGGGGAGAGGCCATTATGTGCAATGCGTGCAGGACGGACAT
TCACCGACAAGTCCACTTTCGGCGGCACACCTCAATACAGGATAAGAATACTCCATGGAAGTCTTTCT
TGTCATTGTAGATGGCTCGCCCAAGACGATGACGGACACAAGACTGAACAGCCTGACGAAGAGTATGTG
TCATCCAAGCTTTTCGGATAAATTGCTGTCTTTGCAGAAAATGGCCATTTCCACAACCTGGCTGCAGTCC
AAGACACTGTACCTACCATGCAGGAGAACAGTTCTGCTGACACAGCCTGCAAGGCAGATGACTCCGTGGT
GTCCCAGGACACCCTCTGGCCACCACCATCAGTGAGCTTAGCGAGCTGACCCACAGACAGACTCGATG
CCCACACAGCTTCACTCTTTGAGCAACATGGAATAA

```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022482 unedited
 ACTCACTATAGGCGGCCGGAATTCGCACGAGGGCGGCGGGTGACGCAATGCGGCGGGTG
 ACGCAATCCGGCGTCGCCAGTCAGTCGCGCGGCCAGATCAGCTGTTTTTGAAGGAAGAA
 AGATGGAAGCGGTGCAGTTCTGCTGGAATCCAAATCCTCCCCATTTAACCTACTGCATG
 AGATGCATGAGCTTCGCCTCCTGGGTACCTGTGTGACGTGACAGTCAGCGTGGAGTATC
 AGGGTGTCCGCAAAGACTTCATGGCCACAAGGCAGTGCTGGCTGCCACCAGCAAGTTTTT
 TTAAGGAAGTGTTCTTAAATGAGAAGAGTGTGGATGGTACTAGGACTAATGTCTACTTAA
 ATGAAGTGCAGGTTGCTGACTCTGCTTCATTTCTTGAGTTTGTCTACACTGCAAAGGTAC
 AGGTGGAAGAAGATCGGGTGCAGCGAATGCTGGAAGTGGCTGAAAAGCTGAAATGTTTGG
 ATTTATCAAAAACCTGTTTTCAATTAAAGAAACAGATGTTAGAGTCAGTACTTTTGGAGT
 TGCANAATTTCTCAGAGTCTCANGAAGTGGGAGGTGAGCAGTGGCTCCCCAGTTAGTGCT
 GCTCCTGCCCCAAGGCAAAATGTGGCCACCGATGGCCCTCAGCCATTGGTCTCAACGAT
 TCCTTGGACTACCCACGAGGAGAGAGCCAGCACTGGCATGTCTTCANAATTTGCCACCG
 CAAGAAGATCCAAGGACCAAACTTAACAAGAAGAAAGAAGGGTGGTTAAACCTCCCTCA
 CCCTAAAATCANNGAAAGCTANTTGAAGGCTTGTGGGAGGAAAAGTTTTTTTTGGGG
 AAACCCCTACAAAGAAATATACCGAGAAGACTTCCAGAGCAGCAAACTGTTGGGGGG
 GTATTTGGGGGAATAAAAGGGGTCCCCAAACCAAAACCGGAACGGGGGGGCACCGAG
 AAAGGGAACCCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022482 unedited
 TGCTCTGGCCACGCGGCACGCATNCTAGAGATCAGTTTTTTTTTTTTTTTTTGTATCTTT
 AAAAAATGCAAACTGCTTTTACAAAGCAGACATTTATTAACAACATTTTTTTGTAGAAT
 TTCTAAGGAAACAAATCAAGACAAAAATCCCTCCAGTAGGTAACAAAATGATCTATTGT
 TTCAATTCCTTCTGATCAAGTGACTTTATTCCATAAAACAGTACATCAGCTGGGCAGGTT
 CGGTCTCCTCTGGATGTATGACAGTCATTATTTATTTGTGCTGTAAACATAACTAGGATA
 CAGTGACACTGTCATACTAAATTTGAAGTAAATAGTACTGTGACCTCCAAGGGCAGGT
 GTGAAGCATGTTATCAGCGCCTGAAACACCTTGTAGTGGTTTCACTAACATAAGTTAAAA
 CATAAGCACTTAGGAAGAAAGTCTTCCCTCATTATTTCTGGCATAGTGCAGCTACATGT
 TCATCCTGGAACCTTAAAGTACCTTCTCTTAGAAAATCAAAGTGTTCACAGCAAGTTT
 AATAAATTAATAATGTAGAGAAAAAGGAAGTGTGAACAAAAGAAATTTCTCAAGGTTCC
 CTTTTTAAATTAATGTTTAAATGTTACATGTGAATCATAGCATTTTCAAGCACGTGGCA
 CATACTCAAGGCCTAGAACCAATGTCAACGTTTAAACAATACAGCAGAATCGTCTTTT
 CATTGTGAATTTTTTAAAGCAATAATTAAGTCTGCATGAAACAGCCAAAGAACATTTG
 GGACAAAGTTACTGGTTCTTACAATCAACTCTTTAAGGCATAATCGNAGGTAAGTGTGC
 TGAGACTTTGGGTCCTACTGCTATGTTCTCACATGCTCCCAAGGAAATAGACATGTCAGN
 TACTTGCCTGTTCCATCTCTAAGTGTGGAAGAGAAGTCTGGCTTTCTGGAAATACAGA
 AATCAGTCAGAAAACTGGCAAA

Restriction Sites:

NotI-NotI

ACCN:

NM_022482

Insert Size:

4110 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_022482.3, NP_071927.1</u>
RefSeq Size:	4752 bp
RefSeq ORF:	2136 bp
Locus ID:	64412
UniProt ID:	<u>Q9H116</u>
Cytogenetics:	20p11.21
Domains:	BTB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	Transcriptional repressor that binds the GZF1 responsive element (GRE) (consensus: 5'-TGCGCN[TG][CA]TATA-3'). May be regulating VSX2/HOX10 expression.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same isoform (a).