

Product datasheet for **SC336397**

ZNF 639 (ZNF639) (NM_001303426) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF 639 (ZNF639) (NM_001303426) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF 639
Synonyms:	ANC-2H01; ANC_2H01; ZASC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336397 representing NM_001303426.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAATGAGTATCCTAAAAAAGAAAAAGAACTCTACACCCTTCTCGTTATTCAGATTCCTCTGGA
ATAAGCAGAATTGCAGATGGATTCAATGGAATTTTCTCTGATCATTGTTACAGTGTCTGTTCTATGAGA
CAGCCAGATTTAAATATTTTGTACAACAAAGATGATGATTCTGATACCGAGACGTCAAATGACTTGCCA
AAATTTGCAGATGGAATCAAGGCCAGAAACAGAAATCAGAACTACCTGGTCCCAGTCTGTACTTAGA
ATTCTAGACCACACTGCCTTTTCTACAGAAAAATCTGCTGATATTGTAATTTGTGATGAAGAGTGTGAC
TCACCTGAATCAGTCAACCAGCAAAACCAAGAGGAGAGTCTATAGAAGTTCACACTGCTGAAGATGTT
CCAATTGCTGTAGAAGTGCATGCGATTTCTGAGGATTATGATATAGAGACAGAAAACAAATTCCTCTGAG
AGTCTCCAAGACCAAACTGATGAAGAACCGCCAGCTAACTTTGTAAAATCTTGACAAGAGCCAAGCT
TTGAATGTGACTGCCAGCAGAAATGGCCTTTACTGAGAGCTAATAGCAGTGGCCTCTATAAATGTGAA
CTTTGTGAGTTTAAACAGCAAATATTTTCTGACTTAAAGCAGCATATGATCCTGAAGCATAAACGTACT
GATTCAAATGTGTGTCGAGTATGCAAGGAAAGTTTCTCTACCAATATGCTTCTGATAGAACATGCCAAA
CTGCATGAAGAGGATCCCTACATTTGTAATACTGTGATTATAAGACAGTAATTTTTGAGAACCTCAGC
CAGCACATTGCAGACACCCATTTTAGTGATCACCTCTATTGGTGTGAACAGTGTGATGTACAGTTCTCC
TCAAGCAGTGAACCTACCTACATTTCCAGGAGCAGAGCTGTGATGAACAGTACTTGTGTCAGTTCTGT
GAACATGAACTAATGATCCAGAAGACTTGCATAGCCATGTGGTAAATGAGCATGCATGTAATTAATA
GAGTTAAGTGATAAGTATAACAATGGTGAACATGGACAGTATAGCCTCTTAAGCAAAATTACCTTTGAC
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CATGTTGCTATTGAACATACAAAAATTTTCTCATGTTTGTGATGACTGTGGGAAAGGCTTTTCAAGT
ATGTAGAATATTGCAAGCATTTAAATTACATTTATCTGAAGGGATTTATTTATGTCAATATTGTGAA
TATTCAACAGGACAAATTGAAGATCTTAAATTCATCTAGATTTCAAGCATTGAGTGTGCTCAT
AAATGTAGTGAAGTGTGATGAGGTTTGAAATGAAAGGGAATTAATAAGTCACCTTCCAGTCCATGAG
ACAACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001303426

Insert Size: 1458 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_001303426.1

RefSeq Size: 2954 bp

RefSeq ORF: 1458 bp

Locus ID: 51193

UniProt ID: Q9UID6

Cytogenetics: 3q26.33

Protein Families: Transcription Factors

MW: 56.1 kDa

Gene Summary: This gene encodes a member of the Kruppel-like zinc finger family of proteins. Amplification and overexpression of this gene have been observed in esophageal squamous cell carcinoma. The encoded protein has been shown to bind DNA in a sequence-specific manner and may regulate HIV-1 gene expression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]
Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.