

## Product datasheet for **SC336396**

### **ZNF 639 (ZNF639) (NM\_001303425) Human Untagged Clone**

#### **Product data:**

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| Product Type:             | Expression Plasmids                                  |
| Product Name:             | ZNF 639 (ZNF639) (NM_001303425) 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:** >SC336396 representing NM\_001303425.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAATGAGTATCCTAAAAAAGAAAAAGAAAGACTCTACACCCTTCTCGTTATTCAGATTCCTCTGGA
ATAAGCAGAATTGCAGATGGATTCAATGGAATTTTCTCTGATCATTGTTACAGTGTCTGTTCTATGAGA
CAGCCAGATTTAAATATTTTGTACAACAAAGATGATGATTCTGATACCGAGACGTCAAATGACTTGCCA
AAATTTGCAGATGGAATCAAGGCCAGAAACAGAAATCAGAACTACCTGGTCCCAGTCTGTACTTAGA
ATTCTAGACCACACTGCCTTTTCTACAGAAAAATCTGCTGATATTGTAATTTGTGATGAAGAGTGTGAC
TCACCTGAATCAGTCAACCAGCAAAACCAAGAGGAGAGTCTATAGAAGTTCACACTGCTGAAGATGTT
CCAATTGCTGTAGAAGTGCATGCGATTTCTGAGGATTATGATATAGAGACAGAAAAAATTCCTCTGAG
AGTCTCCAAGACCAAACTGATGAAGAACCGCCAGCTAACTTTGTAAAATCTTGACAAGAGCCAAGCT
TTGAATGTGACTGCCAGCAGAAATGGCCTTTACTGAGAGCTAATAGCAGTGGCCTCTATAAATGTGAA
CTTTGTGAGTTTAAACAGCAAATATTTTCTGACTTAAAGCAGCATATGATCCTGAAGCATAAACGTACT
GATTCAAATGTGTGTCGAGTATGCAAGGAAAGTTTCTCTACCAATATGCTTCTGATAGAACATGCCAAA
CTGCATGAAGAGGATCCCTACATTTGTAATACTGTGATTATAAGACAGTAATTTTGTAGAACCTCAGC
CAGCACATTGCAGACACCCATTTTAGTGATCACCTCTATTGGTGTGAACAGTGTGATGTACAGTTCTCC
TCAAGCAGTGAACCTACCTACATTTCCAGGAGCAGAGCTGTGATGAACAGTACTTGTGTCAGTTCTGT
GAACATGAACTAATGATCCAGAAGACTTGCATAGCCATGTGGTAAATGAGCATGCATGTAATTAATA
GAGTTAAGTGATAAGTATAACAATGGTGAACATGGACAGTATAGCCTCTTAAGCAAAATACCTTTGAC
AAATGTAAAACTTCTTTGTATGTCAAGTATGTGGTTTTCGGAGTAGACTTCACACAAATGTAAACAGG
CATGTTGCTATTGAACATACAAAAATTTTCTCATGTTTGTGATGACTGTGGGAAAGGCTTTTCAAGT
ATGTAGAAATATTGCAAGCATTTAAATTCACATTTATCTGAAGGGATTTATTTATGTCAATATTGTGAA
TATTCAACAGGACAAATGAAGATCTTAAATTCATCTAGATTTCAAGCATTGAGTGTGCTGCCTCAT
AAATGTAGTGAAGTGTGATGAGGTTTGGAAATGAAAGGGAATTAATAAGTCACCTTCCAGTCCATGAG
ACAACCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001303425

**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\_001303425.1

RefSeq Size: 2998 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 (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.