

Product datasheet for SC114319

ZNF 639 (ZNF639) (NM_016331) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF 639 (ZNF639) (NM_016331) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF 639
Synonyms:	ANC-2H01; ANC_2H01; ZASC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016331, the custom clone sequence may differ by one or more nucleotides

ATGAATGAGTATCCTAAAAAAGAAAAAGGAAGACTCTACACCCTTCTCGTTATTGAGATTCCTCTGGAA
 TAAGCAGAATTGCAGATGGATTCAATGGAATTTCTCTGATCATTGTTACAGTGTCTGTTCTATGAGACA
 GCCAGATTTAAAAATTTTGACAACAAAGATGATGATTCTGATACCGAGACGTCAAATGACTTGCCAAAA
 TTTGCAGATGGAATCAAGGCCAGAAACAGAAATCAGAACTACCTGGTCCCAGTCCTGTACTTAGAATTC
 TAGACCACACTGCCTTTCTACAGAAAAATCTGCTGATATTGTAATTTGTGATGAAGAGTGTGACTCACC
 TGAATCAGTCAACCAGCAAACCAAGAGGAGAGTCCTATAGAAGTTCACACTGCTGAAGATGTTCCAATT
 GCTGTAGAAGTGCATGCGATTTCTGAGGATTATGATATAGAGACAGAAAACAATTCCTCTGAGAGTCTCC
 AAGACCAAATGATGAAGAACCGCCAGCTAAACTTTGTAAAATCTTGACAAGAGCCAAGCTTTGAATGT
 GACTGCCCAGCAGAAATGGCCTTTACTGAGAGCTAATAGCAGTGGCCTCTATAAATGTGAACTTTGTGAG
 TTTAACAGCAAATATTTTCTGACTTAAAGCAGCATATGATCCTGAAGCATAAACGTAAGTCAATG
 TGTGTCGAGTATGCAAGGAAAGTTTCTCTACCAATATGCTTCTGATAGAACATGCCAAATGCATGAAGA
 GGATCCCTACATTTGTAATACTGTGATTATAAGACAGTAATTTTGAGAACCTCAGCCAGCACATTGCA
 GACACCCATTTAGTGATCACCTCTATTGGTGTGAACAGTGTGATGTACAGTTCTCCTCAAGCAGTGAAC
 TCTACCTACATTTCCAGGAGCACAGCTGTGATGAACAGTACTTGTGTCAGTTCTGTGAACATGAACTAA
 TGATCCAGAAGACTTGATAGCCATGTGGTAAATGAGCATGCATGTAATTAATAGAGTTAAGTGATAAG
 TATAACAATGGTGAACATGGACAATATAGCCTCTTAAGCAAAATTACCTTTGACAAATGTAAAAACTTCT
 TTGTATGTCAAGTATGTGGTTTTTCGAGTAGACTTCACACAAATGTTAACAGGCATGTTGCTATTGAACA
 TACAAAAATTTTCTCATGTTTGTGATGACTGTGGGAAAGGCTTTTCAAGTATGCTAGAATATTGCAAG
 CATTTAAATTCACATTTATCTGAAGGGATTTATTTATGTCAATATTGTGAATATTCAACAGGACAAATTG
 AAGATCTTAAATTCATCTAGATTTCAAGCATTGAGTGTGCTCATAAATGTAGTGACTGCTTGAT
 GAGGTTTGAAATGAAAGGGAATTAATAAGTCACCTTCAGTCCATGAGACAATTGA


[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016331 unedited
 NGGGTCAAATTTGTAACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCAGAGTTT
 CACTCCTGTTACCCAGGCTGGAGGACAATGATGTGATCTCGGGTCACCACAGCCTCCGCC
 TCCCGGATTCAAGCGATTCTCATGCCTCACCCTCCCGAGTAAACAAATACAGGCCTGCG
 CCACCAGCTCGGTTAATTTTGTATTTTTCAGACGAGACGGGGCTTCCCATGTTGGTCAG
 GCTGGTCTTGAATTTCCGACCTCAGGTGATCTGTTGCGCTCGGCCTCCCAAAGTGCTGGG
 ATTACAGGCGTGAACCACTGCACCCGGCGAGGCATTTTTTACTGTCTACAGAACTTATT
 GTAATTCATTTTTCTCACTCCAGTAGTAAGAATTATACCAAATTGAAAAGATATGAATG
 AGTATCCTAAAAAAGAAAAAGGAAGACTCTACACCCTTCTCGTTATTCAGATTCCTCTG
 GAATAAGCAGAATTGCAGATGGATTCAATGGAATTTTCTCTGATCATTGTTACAGTGTCT
 GTTCTATGAGACAGCCAGATTTAAATATTTTGACAACAAAGATGATGATTCTGATACCG
 AGACGTCAAATGACTTGCCAAAATTTGCAGATGGAATCAAGGCCAGAACAGAAATCAGA
 ACTACCTGGTCCCAGTCTGTACTTAGAATTCTAGACCACACTGCCTTTTCTACAGAAA
 AATCTGCTGATATTGTAATTTGTGATGAAGAGTGTGACTCACCTGAATCAGCCACCCGCA
 AACCCAGAGGAGATCCTATAAGCTCACACTGCTGAAGAGTTCCATTGCTGTAGAGTGCA
 TCGGATTCTGAGGATATGATTAGAACAGAAACAATTCTCTGAGAGCCCCAGACAACCTGAG
 GAGAACGCCG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016331 unedited
 CGCGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGTTATGATATAGTTATT
 TTTTATTGTGAAGCCCTTATTAGTTCCCTCATCCCATCTTAAATATTCAACAATA
 GATAGTGGCTCAAAAATTTTTTTTTTAAAAAACAGACTGCCATGAAAACCAATCTTTTC
 TTCCTGTAATAGTGGCTTCTAGTGTATTTCTCATTAAATGGGAGTATCCGTGGACTTAA
 CTGTATATTGCATTTTAGTTCTGGTCGTGAATAATTTAATGACTTCACACATAAAAAAC
 TAATCTTGCTTGTAGTTTTAAAAAGTTACTAGCACCCATGGTTAAGGAAGGAAAACTGTA
 GCTCACTTCTTCAATACATTTGTTTCTTTCAATTCATGAAATCAGAGAAATATGGAAGAA
 ACAGGATGACAGTCACCAAGAGTGGTTGAACTACAACTATCACGCAATTGAAAATACC
 ACATTAAGATATATTTATATACAGAAAATGGAGCAATGCCAATAAAATTTTATAATTTA
 AAAAGTTACTTGTTAAAGGCAGATTTTCAATGTTGTGTTTACAATCATCCATTTAATCA
 TCTCAAAAAAAGGATGAATTTATTTTAACTAACATTCTGTAAGTTAAAGAGAATA
 ATCAAGTTGTCTCATGGACTGGAAGGTGACTTATTAATTCCTTTTCATTTNCAACCTCA
 TCAAGCAGTCACTACATTTATGAGGCAAGTCAGCTGAATGCTTTGAATCTANATGAAATT
 TAAGAATCTTCATTTGTCTGTTGAATATCACAATANNTGACATAATAAATCCTTCAGAT
 AATGTGAATTTAAATGCTGCATATCTAGCATACTGAAAGCCTTNCCACAGTCTCACAAC
 ATGAGAAAATTTGTTGTCATAGCACATGCCTGTACATTGGGTGAAGCTACTCAAAA

Restriction Sites:

NotI-NotI

ACCN:

NM_016331

Insert Size:

2630 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_016331.1](#), [NP_057415.1](#)

RefSeq Size: 3013 bp

RefSeq ORF: 1458 bp

Locus ID: 51193

UniProt ID: [Q9UID6](#)

Cytogenetics: 3q26.33

Domains: zf-C2H2

Protein Families: Transcription Factors

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 (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein.