

Product datasheet for **SC322446**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322446
AATTTTGTATTTTCAGTCGAGACGGGTTTCCCATGTTGGTCAGGCTAGTCTTGAATTC
CCGACCTCAGGTGATCTGTTGCGCTCGGCTCCCAAAGTGCTGGGATTACAGGCGTGAAC
CACTGCACCCGGCGAGGCATTTTTACTGTCTACAGAACTTATTGTAATTCATTTTTCC
TCACTCCAGTAGTAAGAATTATACCAAATTGAAAAGATATGAATGAGTATCCTAAAAAA
GAAAAAGGAAGACTCTACACCTTCTCGTTATTCAGATTCCTCTGGAATAAGCAGAATTG
CAGATGGATTCAATGGAATTTTCTGATCATTGTTACAGTGTCTGTTCTATGAGACAGC
CAGATTTAAAAATTTTTGACAACAAAGATGATGATTCTGATACCGAGACGTCAAATGACT
TGCCAAAATTTGCAGATGGAATCAAGGCCAGAAACAGAAATCAGAACTACCTGGTCCCA
GTCCTGTACTTAGAATTCTAGACCACACTGCCTTTTCTACAGAAAAATCTGCTGATATTG
TAATTTGTGATGAAGAGTGTGACTCACCTGAATCAGTCAACCAGCAAAACCAAGAGGAGA
GTCCTATAGAAGTTCACACTGCTGAAGATGTTCCAATTGCTGTAGAAGTGCATGCGATTT
CTGAGGATTATGATATAGAGACAGAAAACAATTCTCTGAGAGTCTCCAAGACCAAAGT
ATGAAGAACCGCCAGCTAACTTTGTAAAATTCTTGACAAGAGCCAAGCTTTGAATGTGA
CTGCCCAGCAGAAATGGCCTTTACTGAGAGCTAATAGCAGTGGCCTCTATAAATGTGAAC
TTTGTGAGTTTAAACAGCAAAATTTTTCTGACTTAAAGCAGCATATGATCCTGAAGCATA
AACGTAAGTCAATGTGTGTCGAGTATGCAAGGAAAGTTTCTCTACCAATATGCTTC
TGATAGAACATGCCAACTGCATGAAGAGGATCCCTACATTTGTAATACTGTGATTATA
AGACAGTAATTTTGAACCTCAGCCAGCACATTGCAGACACCCATTTTAGTGATCACC
TCTATTGGTGTGAACAGTGTGATGTACAGTTCTCCTCAAGCAGTGAACCTACCTACATT
TCCAGGAGCACAGCTGTGATGAACAGTACTTGTGTCAGTTCTGTGAACATGAACTAATG
ATCCAGAAGACTTGCATAGCCATGTGGTAAATGAGCATGCATGTAATTAATAGAGTTAA
GTGATAAGTATAACAATGGTGAACATGGACAGTATAGCCTCTTAAGCAAAATTACCTTTG
ACAAATGTAAAAACTTCTTTGTATGTCAAGTATGTGGTTTTCGGAGTAGACTTCACACAA
ATGTTAACAGGCATGTTGCTATTGAACATACAAAAATTTTTCTCATGTTTGTGATGACT
GTGGGAAAGGCTTTTCAAGTATGCTAGAATATTGCAAGCATTTAAATTCACATTTATCTG
AAGGGATTTATTTATGTCAATATTGTGAATATTCAACAGGACAAATTGAAGATCTTAAAA
TTCATCTAGATTTCAAGCATTACAGTACTTGCCTCATAAATGTAGTGACTGCTTGATGA
GGTTTGGAAATGAAAGGGAATTAATAAGTCACCTCCAGTCCATGAGACAACTTGATTAT
TCTCTTTAACTTACAGAATGTTAGTTTAAATAATAAATTCATCCTTTTTTTGGAGATGA
TTAAATGGATGATTGTAAACACAATTATGAAATCTGCCTTTAACAGTAACCTTTTTTAA
ATTATAAAATTTTATTGGCATTGCTCCATTTTCTGTATATAAATATATCTTTAATGTGGT
AAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_016331

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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.