

Product datasheet for **RC238502**

ZNF 639 (ZNF639) (NM_001303425) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF 639 (ZNF639) (NM_001303425) Human Tagged ORF Clone
Tag:	Myc-DDK
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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ORF Nucleotide Sequence:

>RC238502 representing NM_001303425
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGAATGAGTATCCTAAAAAAGAAAAAGGAAGACTCTACACCCTTCTCGTTATTCAGATTCTCTGGAA
 TAAGCAGAATTGCAGATGGATTCAATGGAATTTTCTCTGATCATTGTTACAGTGTCTGTTCTATGAGACA
 GCCAGATTTAAAAATTTTGACAACAAAGATGATGATTCTGATACCGAGACGTCAATGACTTGCCAAAA
 TTTGCAGATGGAATCAAGGCCAGAAACAGAAATCAGAACTACCTGGTTCCAGTCCTGTACTTAGAATTC
 TAGACCACACTGCCTTTTCTACAGAAAAATCTGCTGATATTGTAATTTGTGATGAAGAGTGTGACTCACC
 TGAATCAGTCAACCAGCAAAACCAAGAGGAGAGTCCTATAGAAGTTCACACTGCTGAAGATGTTCCAATT
 GCTGTAGAAGTGCATGCGATTTCTGAGGATTATGATATAGAGACAGAAAACAATTCCTCTGAGAGTCTCC
 AAGACCAAATGATGAAGAACCAGCCAGCTAACTTTGTAATTTCTTGACAAGAGCCAAGCTTTGAATGT
 GACTGCCAGCAGAAATGGCCTTTACTGAGAGCTAATAGCAGTGGCCTCTATAAATGTGAACCTTTGTGAG
 TTTAACAGCAAAATATTTTCTGACTTAAAGCAGCATATGATCCTGAAGCATAAACGTAAGTCAATG
 TGTGTCGAGTATGCAAGGAAAGTTTCTCTACCAATATGCTTCTGATAGAACATGCCAAATGCATGAAGA
 GGATCCCTACATTTGTAATACTGTGATTATAAGACAGTAATTTTGAAGACCTCAGCCAGCACATTGCA
 GACACCCATTTTAGTGATCACCTCTATTGGTGTGAACAGTGTGATGTACAGTTCTCTCAAGCAGTGAAC
 TCTACCTACATTTCCAGGAGCACAGCTGTGATGAACAGTACTTGTGTGAGTTCTGTGAACATGAACTAA
 TGATCCAGAAGACTTGCATAGCCATGTGGTAAATGAGCATGCATGTAAATTAATAGAGTTAAGTGATAAG
 TATAAATGGTGAACATGGACAGTATAGCCTCTTAAGCAAAATACCTTTGACAAATGTAAAACTTCT
 TTGTATGTCAAGTATGTGGTTTTCGGAGTAGACTTCACACAAATGTAAACAGGCATGTTGCTATTGAACA
 TACAAAAATTTTCTCATGTTTGTGATGACTGTGGGAAAGGCTTTTCAAGTATGCTAGAATATTGCAAG
 CATTTAAATTCACATTTATCTGAAGGGATTTATTTATGTCAATATTGTGAATATTCAACAGGACAAATTG
 AAGATCTTAAATTCATCTAGATTTCAAGCATTGAGTGTGCTCATAAATGTAGTACTGCTGTGAT
 GAGGTTTGGAAATGAAAGGGAATTAATAAGTCACCTTCCAGTCCATGAGACAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238502 representing NM_001303425
 Red=Cloning site Green=Tags(s)

MNEYPKRKRKTLHPSRYSDSSGISRIADGFNGIFSDHCYSVCSMRQPDLYFDNKDDSDTETSNDLPK
 FADGIKARNRNQNYLVSPVLRILDHTAFSTEKSADIVICDEECDSPESVNQQTQEESEPIEVHTAEDVPI
 AVEVHAISEDYDIETENNSSSESLQDQDEEPPAKLCKILDKSQALNVTAQQKWPLL RANSSGLYKCELC
 FNSKYFSDLKQHMILKHKRTDSNVCVRCKESFSTNMLLIEHAKLHEEDPYICKYCDYKTVIFENLSQHIA
 DTHFSDHLYWCEQCDVQFSSSELYLHFQEHSCDEQYLCQFCEHETNDPEDLHSHVNEHACKLIELSDK
 YNNGEHGQYSLLSKITFDKCKNFFVCQVCGFRSLHTNVNRHVAIEHTKIFPHVCDGCKGFSSMLEYCK
 HLNSHLEGIYLCQYCEYSTGQIEDLKIHLDFKHSADLPHKCSCLMRFGNERELISHLPVHETT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001303425

ORF Size: 1455 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001303425.2](#)

RefSeq Size: 2998 bp

RefSeq ORF: 1458 bp

Locus ID: 51193

UniProt ID: [Q9UID6](#)

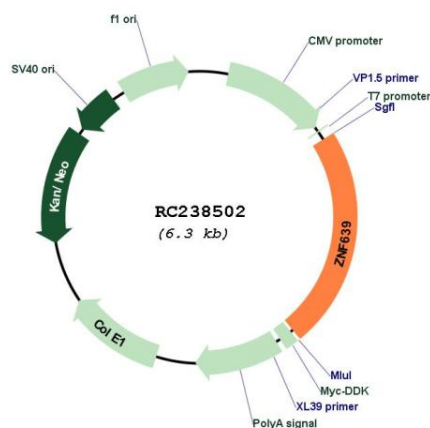
Cytogenetics: 3q26.33

Protein Families: Transcription Factors

MW: 56.5 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]

Product images:



Circular map for RC238502