

Product datasheet for **RG202379**

ZNF 639 (ZNF639) (NM_016331) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZNF 639
Synonyms:	ANC-2H01; ANC_2H01; ZASC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >RG202379 representing NM_016331
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAATGAGTATCCTAAAAAAGAAAAGGAAGACTCTACACCTTCTCGTTATTCAGATTCCTCTGGAA
 TAAGCAGAATTGCAGATGGATTCAATGGAATTTTCTCTGATCATTGTTACAGTGTCTGTTCTATGAGACA
 GCCAGATTTAAATATTTTGACAACAAAGATGATGATTCTGATACCGAGACGTCAAATGACTTGCCAAAA
 TTTGCAGATGGAATCAAGGCCAGAAACAGAAATCAGAACTACCTGGTCCCAGTCTGTACTTAGAATTC
 TAGACCACACTGCCCTTTTCTACAGAAAAATCTGCTGATATTGTAATTTGTGATGAAGAGTGTGACTCACC
 TGAATCAGTCAACCAGCAAAACCAAGAGGAGAGTCTATAGAAGTTCACACTGCTGAAGATGTTCCAATT
 GCTGTAGAAGTGATGCGATTCTGAGGATTATGATATAGAGACAGAAAACAATTCCTCTGAGAGCTCC
 AAGACCAAATGATGAAGAACCAGCTAACTTTGTAATTTCTTGACAAGGCCAAGCTTTGAATGT
 GACTGCCAGCAGAAATGGCTTTACTGAGAGTAATAGCAGTGGCTCTATAATGTGAATTTGTGAG
 TTTAACAGCAAAATATTTTCTGACTTAAAGCAGCATATGATCCTGAAGCATAAACGTAAGTCAATG
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 GGATCCCTACATTTGTAATACTGTGATTATAAGACAGTAATTTTGAGAACCTCAGCCAGCACATTGCA
 GACACCCATTTTAGTGATCACCTCTATTGGTGTGAACAGTGTGATGTACAGTTCTCTCAAGCAGTGAAC
 TCTACCTACATTTCCAGGAGCACAGCTGTGATGAACAGTACTTGTGTCAGTTCTGTGAACATGAAACTAA
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 TTGATGTCAAGTATGTGTTTTCGGAGTAGACTTCACACAAATGTTAACAGGCATGTTGCTATTGAACA
 TACAAAAATTTTCTCATGTTTGTGATGACTGTGGGAAAGGCTTTTCAAGTATGCTAGAATATTGCAAG
 CATTTAAATTCACATTTATCTGAAGGATTTATTTATGTCAATATTGTGAATATTCAACAGGACAAATTG
 AAGATCTTAAATTCATCTAGATTTCAAGCATTGAGCTGACTTGCCTCATAAATGTAGTGACTGCTTGAT
 GAGGTTTGAAATGAAAGGGAATTAATAAGTCACCTTCCAGTCCATGAGACAACT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

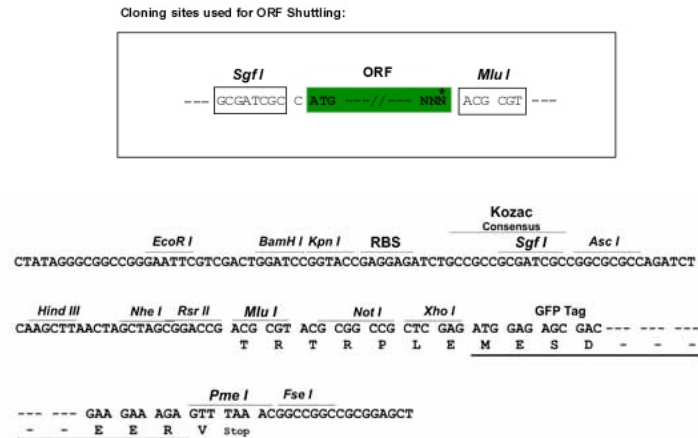
Protein Sequence: >RG202379 representing NM_016331
 Red=Cloning site Green=Tags(s)

MNEYPKKRKRTLHPSRYSDSSGISRIADGFNGIFSDHCYSVCSMRQPDLYFDNKDDSDTETSNDLPK
 FADGIKARNRNQNYLVPSPVLRILDHTAFSTEKSADIVICDEECDSPEVSNQQTQEEPIEVHTAEDVPI
 AVEVHAISEDYDIETENSSSELQDQDEEPPAKLCKILDKSQALNVTAQQKWPLLRANSSGLYKCELCE
 FNSKYFSDLKQHMILKHKRTDSNVCRVCKESFSTNMLLIEHAKLHEEDPYICKYCDYKTVIFENLSQHIA
 DTHFSDHLWYCEQCDVQFSSSELVLFHFEHSCDEQYLQCFCEHETNDPEDLHSHVVNEHACKLIELSDK
 YNNGEHGQYSLLSKITFDKCKNFFVCQVCGFRSLHTNVNRHVAIEHTKIFPHVCDDCGKGFSSMLEYCK
 HLNSHLSEGIYLCQYCEYSTGQIEDLKIHLDFKHSADLPHKCSDCLMRFGNERELISHLPVHETT

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_016331

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.

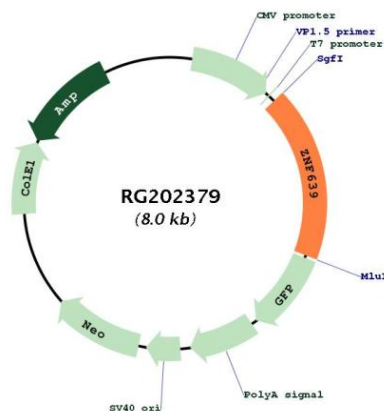
RefSeq: [NM_016331.3](#)

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]

Product images:



Circular map for RG202379