

Product datasheet for **RG238129**

ZNF419A (ZNF419) (NM_001291744) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF419A (ZNF419) (NM_001291744) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF419A
Synonyms:	ZAPHIR; ZNF419A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238129 representing NM_001291744. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGGAGAAGTTACACTTCTGGCCTCTCTGGGTTGTTGGCATGGAGCCGAGGCTGAGGAGGCTCCT
GAGCAGATTGCTTCTGTAGGACTGCTCAGTTCAAACATTCAGCAACACCAGAAGCAGCACTGTGGAGAG
AAACCCCTAAAAAGACAAGAGGGCAGGGTCCCAGTTTTGAGGAGTTGCAAAGTTCACCTATCAGAGAAG
TCCTTGCAAAGCAGGGAGGTTGGGAAGGCCCTCTGATCAGCTCAGGTGTTCTCAAGCACCAGGTGACT
CACACAGGAGAGAAGTCATAGGAGCTCCAAAAGTAGGGAGGCCCTTCATGCTGGAAAAAGGCATTAC
AAATGCAGTGAATGTGGGAAAGCCTTTGGTCAGAAATATTTACTTGTTCAGCACCAGAGACTACATGCT
GGGAAAAAGACGTATGAATGCAGTGAATGTGGGAAGTTATTTAGAGATATGTCCAACCTTTTATACAC
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CACCTCATTGAACACCAGAGAGTTCACACTGGAGAAAAGCCTTTTACATGCAGTGAATGTGGAAAAGCT
TTCAGGCATAATCCACACTTGTTCAGCATCACAAAATCCACACTGGAGTAAGGCCTTATGAGTGCAGT
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CCTTATAAGTGCAGTGAATGTGGAAAATCTATAGCCACAAGTCCAACCTTATCAAACATTGGCGTGT
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AAATTTTTTAGCCAAAGTCAACCTCATGCAACATCGAAAAGTTCACATTGGAGAAAAGCCTTTAAG
TGCAATGAATGTGGGAGATTGTTTAGAGAGAATCCAGCCTTGTAAACATCAGAGGGTTCACACTGGA
GCAAAGCCTTATGAGTGCAGGGAATGTGGGAAAGTTTTTCGCCACAACCTCAGTCTTTTTAAACATCGA
AGGATTCACACTGGAGAAATGCAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238129
 Blue=ORF Red=Cloning site Green=Tag(s)

MLENFTLLASLGCWHGAEAEAEPEQIASVGLLSSNIQQHQKQHCGEKPLKRQEGRPVLRSCKVHLSK
 SLQSREVGKALLISSGLKQVTHTEKSHRSSKSREAFHAGKRHYKCECGKAFGQKYLQVQRLHA
 GKTTYECSECGKLF RDMSNLF IHQIVHTGERPYGCSNCGKSF SRNAHL IEHQRVHTGEKPFTECECGKA
 FRHNSTLVQHHKIHTGVRPYECSECGKLF SFNSSLMKHQRIHTGERPYKCECGKFYSHKSNLIKHWRV
 HTGERPYKSDCGKFFTCSSLMQHQKVHTGEKPFKCNCEGRFFRENSTLVRHQRVHTGAKPYECRECG
 KFFSQSSTLMQHRKVHIGEKPFKCNCEGRLFRENSLVKHQRVHTGAKPYECRECGKFFRHNSLKFHR
 RIHTGEMQ
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001291744

ORF Size: 1266 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](#)

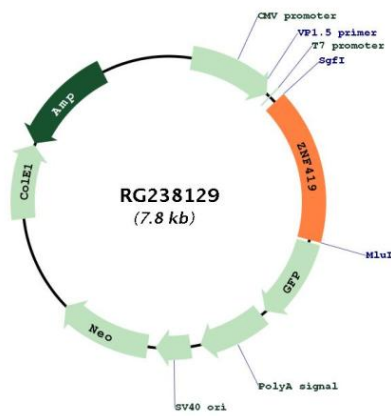
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

RefSeq: [NM_001291744.2](#)

RefSeq Size: 2301 bp
 RefSeq ORF: 1269 bp
 Locus ID: 79744
 UniProt ID: [Q96HQ0](#)
 Cytogenetics: 19q13.43
 Protein Families: Transcription Factors
 MW: 49 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG238129