

Product datasheet for **RG238458**

ZNF419A (ZNF419) (NM_001291743) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF419A (ZNF419) (NM_001291743) 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:	>RG238458 representing NM_001291743. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGCGCGCGCCGCCCTGAGGGACCCCGCTCAGGTTCTGTGGCTGCAGACTTGCTTACAGACCATGAG
GAGGGCTATGTGACCTTTGAGGATGTGGCTGTCTACTTCTCCAGGAGGAATGGAGATTGCTTGATGAC
GCTCAGAGGCTCCTACCGCAATGTGATGCTGGAGAACTTACACTTCTGGCCTCTCTGGGTTGTTGG
CATGGAGCCGAGGCTGAGGAGGCTCCTGAGCAGATTGCTTCTGTAGGACTGCTCAGTTCAAACATTCAG
CAACACCAGAAGCAGCACTGTGGAGAGAAACCTTAAAAAGACAAGAGGGCAGGGTCCCAGTTTTGAGG
AGTTGCAAAGTTCACCTATCAGAGAAGTCTTGAAGCAGGGAGGTTGGGAAGGCCCTCCTGATCAGC
TCAGGTGTTCTCAAGCACCAGGTGACTCACACAGGAGAGAAGTCACATAGGAGCTCCAAAAGTAGGGAG
GCCTTTCATGCTGGAAAAGGCATTACAAATGCAGTGAATGTGGGAAAGCCTTTGGTCAGAAATATTTA
CTTGTTGAGCACCAGAGACTACATGCTGGGAAAAGACGTATGAATGCAGTGAATGTGGGAAGTTATTT
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TGTGGAAAATCCTTAGCCGTAATGCTCACCTCATTGAACACCAGAGAGTTTCACTGGAGAAAAGCCT
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CATCAGAGAATTCACACTGGAGAAAAGACCTTATAAGTGCAGTGAATGTGGAAAATTCATAGCCACAAG
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GTTAAACATCAGAGGGTTCACTGGAGCAAAGCCTTATGAGTGCAGGGAATGTGGGAAGTTTTTCG
CACAACCCAGTCTTTTTAAACATCGAAGGATTCACACTGGAGAAAATGCAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238458
 Blue=ORF Red=Cloning site Green=Tag(s)

MAAAALRDPAQVPVAADLLTDHEEGYVTFEDVAVYFSQEERLLDDAQRLLYRNVMLNFTLLASLGCW
 HGAAEEAPEQIASVGLLSSNIQQHQKQHCGEKPLKRQEGRVPVLRSCKVHLSEKSLQSREVGKALLIS
 SGVLKHQVTHTGEKSHRSSKSREAFHAGKRHYKCCECGKAFGQKYLQVHQLHAGKKTYESCEGKLF
 RDMSNLFIHQIVHTGERPYGCSNCGKSF SRNAHLIEHQRVHTGEKPF TCSECGKAFRHNSTLVQHHKIH
 TGV RPYECSECGKLF SFNSSLMKHQRIHTGERPYKCCECGKFYSHKSNL IKHWRVHTGERPYKCSDCGK
 FFTQCSSLMQHVKVHTGEKPFKNECGRFFRENSTLVRHQRVHTGAKPYECRECGKFFSQSSTLMQHRK
 VHI GEKPFKNECGRL FRENSSLVKHQRVHTGAKPYECRECGKFFRHNSL FKHRR IHTGEMQ
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPGYPENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001291743

ORF Size: 1431 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](#)

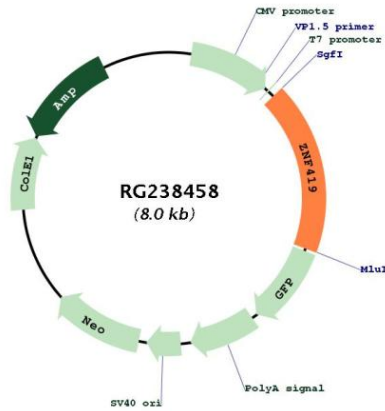
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001291743.2](#)

RefSeq Size: 2282 bp
 RefSeq ORF: 1434 bp
 Locus ID: 79744
 UniProt ID: [Q96HQ0](#)
 Cytogenetics: 19q13.43
 Protein Families: Transcription Factors
 MW: 55.3 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG238458