

Product datasheet for **RG235728**

ZNF419A (ZNF419) (NM_001291745) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF419A (ZNF419) (NM_001291745) 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: >RG235728 representing NM_001291745.
Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCGCGCCGCCCTGAGGGACCCGCTCAGCAGGGCTATGTGACCTTTGAGGATGTGGCTGTCTAC
TTCTCCCAGGAGGAATGGAGATTGCTTGATGACGCTCAGAGGCTCCTCTACCGCAATGTGATGCTGGAG
AACTTTACTTCTGGCCTCTCTGGGACTTGCATCTTCCAAGACCCATGAAATAACCCAGCTGGAGTCA
TGGGAGGAGCCCTTCATGCCTGCTTGGGAAGTTGTGACTTCAGCCATACCGAGAGAACTCTGAGGATG
GCCTTTATGAGGGAGCTGCAATTGAACATCATTATCTAAATATGCACACTGGAGGCAAGATGAGAA
TCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC

Protein Sequence: >Peptide sequence encoded by RG235728
Blue=ORF Red=Cloning site Green=Tag(s)

MAAAALRDPAQQGYVTFEDVAVYFSQEEWRLDDAQRLLYRNVMLNFLLASLGLASSKTHEITQLES
WEEPFMPAWEVVTSAIPRETLRMAFMRELAIEHHSSKYAHRQDENS
RTRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: Sgfl-Mlul



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Cloning Scheme:


ACCN: NM_001291745

ORF Size: 348 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_001291745.2](#)

RefSeq Size: 833 bp

RefSeq ORF: 351 bp

Locus ID: 79744

UniProt ID: [Q96HQ0](#)

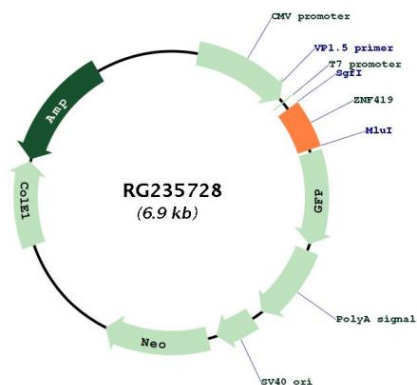
Cytogenetics: 19q13.43

Protein Families: Transcription Factors

MW: 14 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG235728