

Product datasheet for RC217408

ZNF318 (NM_014345) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF318 (NM_014345) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: ZNF318
Synonyms: HRIHFB2436; TZF; ZFP318
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC217408 representing NM_014345
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RC217408 representing NM_014345
 Red=Cloning site Green=Tags(s)

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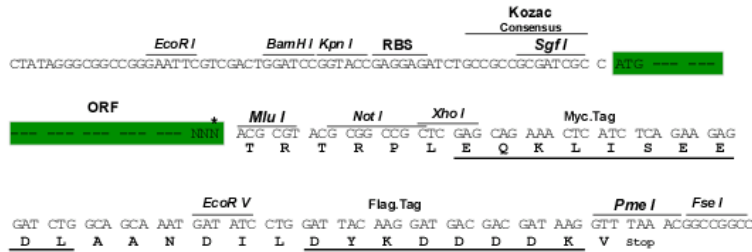
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Chromatograms: https://cdn.origene.com/chromatograms/mk8015_c03.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_014345

ORF Size: 6837 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.

RefSeq: [NM_014345.3](#)
RefSeq Size: 8021 bp

RefSeq ORF: 6840 bp

Locus ID: 24149

UniProt ID: [Q5VUA4](#)

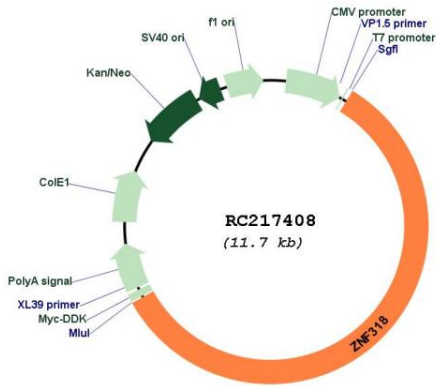
Cytogenetics: 6p21.1

Domains: ZnF_U1

MW: 250.9 kDa

Gene Summary: Isoform 2: Acts as a transcriptional corepressor for AR-mediated transactivation function. May act as a transcriptional regulator during spermatogenesis and, in particular, during meiotic division.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC217408