

Product datasheet for **RG222970**

ZNF718 (NM_001039127) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF718 (NM_001039127) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF718
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG222970 representing NM_001039127
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAACTCTTAACATTCAAGGATGTGGCCATAGAATTCTCTCCAGAAGAGTGGAATGTCTGGACATTT
 CCCAGCAGAATTTATATAGAGATGTGATGTTGGAGAAGCTACAGAAACCTGGTCTCCCTGGGTGTTACTAT
 CTCTAACCAGACCTGGTCACCACTCTGGAGCAAAGAAAAGAGCCCTACAATTTGAAGATACATGAAACA
 GCAGCCAGACCCCGACTGTGTGTTCTCATTTCACCCAAAACCTTTGGACAGTGCAGGGCATAGAAGATT
 CATTCCACAACTTATACCAAAGGACATGAGAAACGTGGACATGAGAATTTAAGAAAACTTGAAAAAG
 TATAAATGAGTGAAGGTGCAGAAAGGTGGTTATAATAGAATTAACCAATGCTTATTAACACCCAGAAA
 AAAACAATTCAATCTAATATATGTGTCAAAGTTTTTCATAAATTTCAAATTCAAACAAAGATAAGATAA
 GATATACTGGAGATAAACCTTTAAATGTAAGAATGTGGCAAAATCATTTCACGTGCTCTCACGCCAATC
 TCAACACAAAAGAATTCATACTGGAGAGAACCCCTACACATGTGAAGAATGTGGCAAAGCCTTTAATTGG
 TCCTCAATTCCTACTAAACATAAGAGAATTCATGCCAGAGAGAAATTCACAAGTGTGAAGAATGTGGTA
 AAGGCTTTACTCGGTCTCACACCTTACTAAACATAAGAGAATTCATACTGGAGAGAAAACCTACATATG
 TGA AAAATGTGGTAAAGCTTTTAAACCAATCCTCAACCTTAATTTACATAAGAGAATTCATTCTGCACAA
 AAATACTACAAATGTGAAGAATGTGGTAAAGCCTTTAAGTGGTCTCATCCCTTAATGAACATAAGAGAA
 TTCATGCTGGAGAGAAACCTTCTCATGCGAAGAATGTGGCAATGTCTTTACCACATCCTCAGACTTTGC
 TAAACATAAGAGAATTCATACAGGAGAGAAACCTACAAATGTGAAGAATGTGGAAAAATCCTTTAATAGG
 TCCACAACCTTTACGACACATAAGAGAATCCATACTGGAGAGAAACCTACACATGTGAAGAATGTGGAA
 AAGCCTTTAATTGGTCTCAACCTTAAATGTACACAAGAGAATTCACCTGGAAAAATCCTTACAATG
 TGAAGATTGTGGCAAAGCCTTTAAAGTGTGGCAAACCTGCATAATCGTAAGAAAAATTCATACTGGAGAG
 AAACCTACATATGTAACAATGTGGCAAAGCCTTTAAACAGTCTCACACTTGAATAAACATAAGAAAA
 TTCACACTGTAGATAAACCTACAAATGTAAGAATGCGGGAAAGCTTTTAAAGCAGTACTCCAACCTTCC
 TCAACATAAGAGAATTCATACTGGAGGAAAATTT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG222970 representing NM_001039127
 Red=Cloning site Green=Tags(s)

MELLTFKDVAIEFSPEEWKCLDISQQNLYRDVMLENYRNLVSLGVTISNPDLVTSLEQRKEPYNLKIHET
 AARPPAVCSHFTQNLWTVQGIEDSFHKLIPKGHEKRGHENLRKTCKSINECKVQKGGYNRINQCLLTTQK
 KTIQSNICVKVFHFKFSNSNKDKIRYTGDKTFKCKEKGKSFHVL SRLTQHKRIHTGENPYTCEECKAFNW
 SSILTKHKRIHAREKFYKCEECKGFTRSSHLTKHKRIHTGEKPYICEKCGKAFNQSSTLNLHKRIHSAQ
 KYKCEECKGKAFKWSSSLNEHKRIHAGEKPFSCREEGNVFTTSSDFAKHKRIHTGEKPYKCEECKGKSFNR
 STLLTTHKRIHTGEKPYTCEECKGAFNWSSTLNVHKRIHSGKNPYKCEDCGKAFKVFANLHNRKKIHTGE
 KPYICKQCGKAFKQSSHLNKHKKIHTVDKPYKCKEKGKAFKQYSNLPQHKRTHTGKGF

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001039127

ORF Size: 1434 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_001039127.4](#)

RefSeq Size: 2149 bp

RefSeq ORF: 1437 bp

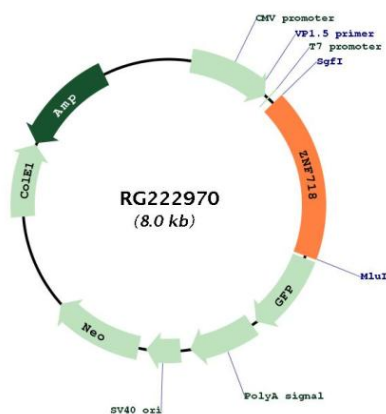
Locus ID: 255403

UniProt ID: [Q3SXZ3](#)

Cytogenetics: 4p16.3

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

Product images:



Circular map for RG222970