

Product datasheet for **RG227605**

ZNF619 (NM_001145093) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF619 (NM_001145093) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF619
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG227605 representing NM_001145093
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTCCAGACAGTGTGGTTCCAGGGCTTGGGCAGGAACCTGTTGTTTCAGGAGCCAGTAACCTTTGAGG
 ATGTGGCTGTGTACTTCACCCAGAATGAATGGGCCAGCCTGCACCCTACGCAGAGGGCCCTATACAGGGA
 GGTGATGCTGGAGAATTATGCAAAATGTGACTTCCTTGTGACGATTTCCATTCCCCAAACCAGATCTGATA
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 GAGGCATGTGCACAGGTGGTAAAACCAAGACTGAGAATGAGGAAAAAACTGCACAGCTAAACATTCTAA
 AGAATCAGAGTCCCACAGACTGATAGTGGAGGGACTGCTGATGGACGTTCCCCAGCACCTGACTTCAAG
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 GAAACCATACTCATGTGAGGAATGTGGACAAGCCTTCAGTCAAAATCCCACCTTCTTCAGCATCAGAAG
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 GCAGTTAAGCCCTACTGTCCCTGCGCCATCCTCTCTCTCTGCTCCCAACATACCTGCTCTGCCCTAG
 CCCCACCAGGGCCTCCCTTATCTTCTTCACATGCAGTGGTACTTCTCCTCTGTGCCTTTCTTCTCTGCT
 GCTTCCCTCATCTGAAAAGGCCAACCTTCACCTGTCAAATAGCACATTTTTTTCAGGATCTCGCTTTT
 CCTGGGAAGTCATCCCTTCAGAGCCGAATCCTTTGTCTCACTCCCTG

ACGCGTACGCGGGCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

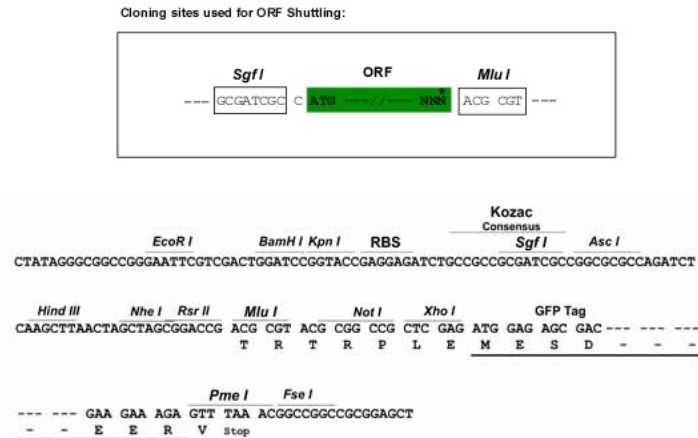
>RG227605 representing NM_001145093
 Red=Cloning site Green=Tags(s)

MLQTVWFQGLGRNLLFQEPVTFEDVAVYFTQNEWASLHPTQRALYREVMLENYANVTSLSAFPFPKPDLI
 FQLEQGEAAWGPDWTLAGGEALRGMCTGGKTKTENEKTAQLNISKESESHRLIVEGLMDVPQHPDFK
 DRLEKSQLHDTGNKTKIGDCTDLTVQDHESSTTEREEIARKLEESSVSTHLITKQFAKEQVFYKCGECG
 SYYNPHSDFHLHQRVHTNEKPYTCKEKGKTFRYSKLSRHQKIHTGEKPYSCEECQAFSQNSHLLQHQQ
 LHGGQRPYECTDCGKTFSYNSKLIRHQRHTGEKPFKCKEKGKAFSCSYDCIIHERIHNGEKPYECKEKG
 KSLSSNSVLIQHQRHTGEKPYECKEKGKAFHRSSVFLQHQRHFTGEQLYKNECWKTFSCSSRFIVHQR
 IHNGEKPYECKEKGKTFQKITLVQHQRVHTGEKPYECKEKGKAFRWNASFIQHQQWHTRKKLINGTGLS
 AVKPYCPCAILSPLPPQHTCSALAPPGPPLSSSHAVVLPPSVPFLLLPSEKANPSPVQIAHFFQDLAF
 PGKSSLQSPNPLSHSL

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001145093

ORF Size: 1728 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_001145093.4](#)

RefSeq Size: 2346 bp

RefSeq ORF: 1731 bp

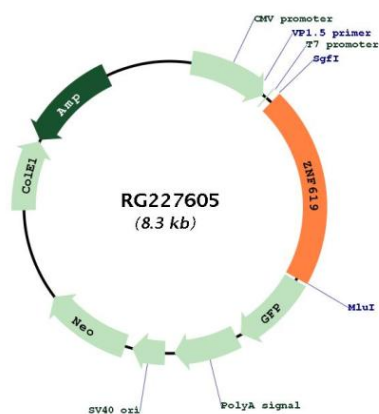
Locus ID: 285267

UniProt ID: [Q8N2I2](#)

Cytogenetics: 3p22.1

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

Product images:



Circular map for RG227605