

Product datasheet for **RG229364**

ZYG11A (NM_001004339) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZYG11A
Synonyms:	ZYG11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG229364 representing NM_001004339
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGTTCATTTCTTGCACCCGGGCCACACGCCCCGGAACATCGTCCCTCCTGACGCTCAGAAGGATGCC
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 TGCTAACCTGGAGAAATGTGTTCTGAAAGACCTGATGGAACACTGTGCCTCCGGAGCATTGGAGTTTC
 CCTCAGGAAGTAGCCGAGCATTCTCAGGGTATGACTTGGCAAGGCAAGCTGACTGACAGAACAGCCA
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 AATCCAGCAAACTACTGCAAAATGTTAGTTGAAGAAGAAGGATTGCAGCTTTTGTGTGATATCCAGGAGC
 ACAGTGAGGCAACCCCAAGCACAGCAGATTGCAGCCTCCATTCTGGATGACTTCAGAATGCATTTTCAT
 GAATTATCAGAGGCCCACTCTGTGTCAAATGCCCTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG229364 representing NM_001004339

Red=Cloning site Green=Tags(s)

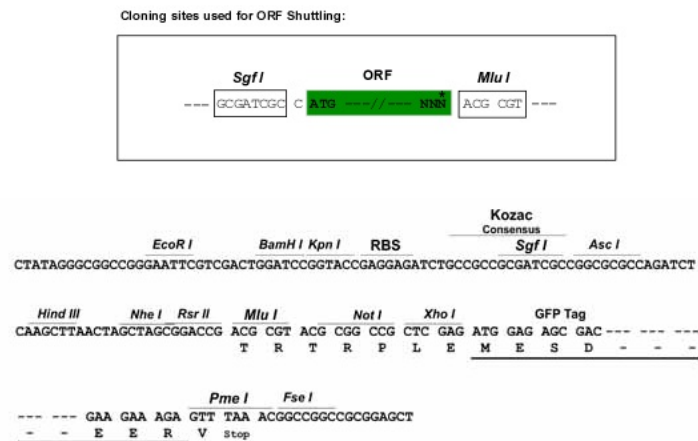
MVHFLHPGHTPRNIVPPDAQKDALGCCVVQEEASPYTLVNICLVLIANLEKLCSERPDGTLCLPEHWSF
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SRYRNRSCFVKEALHRLFTETFSMEVTMPAILKLVAIGMRNHPLDLRVQFTASACALNLTRQGLAKGMPV
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RQLWISRDFQRRLLQDLHATIQNWPSSCKMTALVTYRSFKTFFPLLGNFSQPEVQLWALWAMYHVCSK
NPSKYCKMLVEEGLQLLCDIQEHSEATPKAQQIAASILDDFRMHFMNYQRPTLCQMPF

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_001004339

ORF Size:

2277 bp

OTI Disclaimer:

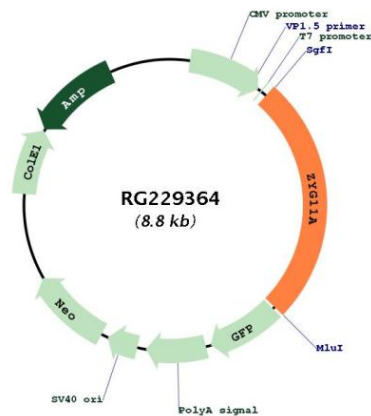
The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001004339.3
RefSeq Size:	4286 bp
RefSeq ORF:	2280 bp
Locus ID:	440590
UniProt ID:	Q6WRX3
Cytogenetics:	1p32.3
Gene Summary:	Probably acts as target recruitment subunit in an E3 ubiquitin ligase complex ZYGA-CUL2-elongin BC.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG229364