

## Product datasheet for **RG205359**

### YPEL1 (NM\_013313) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** YPEL1 (NM\_013313) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** YPEL1  
**Synonyms:** FKSG3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG205359 representing NM\_013313  
**Red**=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGAAATGACAAAGTCCAAAACCTTCCAAGCGTATCTGCCGAACTGTCACCGAACGTACAGCTGTA  
TCCACTGCAGAGCACACCTGGCCAATCATGACGAGCTCATCTCCAAGTCCTTTCAGGGGAGCCAGGGACG  
CGCCTACCTCTCAATCCGTGGTGAACGTGGGCTGCGGCCCTGCAGAGGAGAGGGTCTTCTCACCGG  
CTGCATGCGGTTGCAGACATCTACTGCGAGAAGTCAAGACCACGCTCGGGTGGAAATACGAGCATGCCT  
TTGAGAGCAGTCAGAAATATAAGGAAGGAAAATTCATCATTGAGCTTGCTCATATGATCAAAGACAATGG  
CTGGGAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG205359 representing NM\_013313  
**Red**=Cloning site **Green**=Tags(s)  
MVKMTKSKTFQAYLPNCHRTYSCIHCRAHLANHDELISKSFQGSQGRAYLFNSVNVVCGCPAEERVLLTG  
LHAVADIYCENCKTTLGWKYEHAFAESSQKYKEGKFIIELAHMIKDNWE

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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**Cloning Scheme:**


**ACCN:** NM\_013313

**ORF Size:** 357 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.

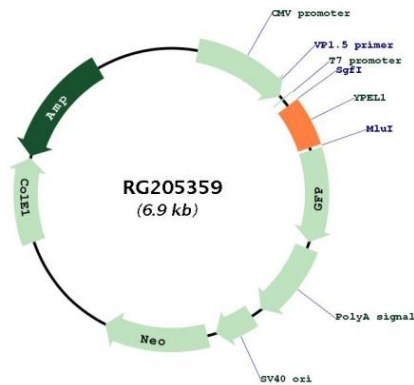
**RefSeq:** [NM\\_013313.3](#), [NP\\_037445.1](#)

**RefSeq Size:** 4301 bp

**RefSeq ORF:** 360 bp

**Locus ID:** 29799  
**UniProt ID:** [O60688](#)  
**Cytogenetics:** 22q11.21-q11.22  
**Domains:** Yippee  
**Gene Summary:** This gene is located in the region associated with DiGeorge syndrome on chromosome 22. The encoded protein localizes to the centrosome and nucleolus and may play a role in the regulation of cell division. [provided by RefSeq, Feb 2015]

**Product images:**



Circular map for RG205359