

## Product datasheet for **RG207461**

### EGFL8 (NM\_030652) Human Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | EGFL8 (NM_030652) Human Tagged ORF Clone                                    |
| Tag:                      | TurboGFP  |
| Symbol:                   | EGFL8   |
| Synonyms:                 | C6orf8; NG3   |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-AC-GFP (PS100010)   |
| E. coli Selection:        | Ampicillin (100 ug/mL)  |
| ORF Nucleotide Sequence:  | >RG207461 representing NM_030652<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGGTCCAGGGCTGAGCTGTGCACTCTCTTAGGCGGATTCTCCTTCCTCCTGCTACTGATACCAGGCG  
AGGGGGCCAAGGGTGGATCCCTCAGAGAGAGTCAGGGAGTCTGCTCAAGCAGACACTGGTGGTCCCCT  
CCACTACAACGAGTCTACAGCCAACAGTGTACAAGCCCTACCTGACCTTGTGCGCTGGGAGGCGCATC  
TGCAGCACTTACAGGACCATGTACCGCCTTATGTGGCGGGAGGTGAGGCGGGAGGTTAGCAGACCCATG  
CAGTGTGCTGCCAGGGCTGGAAGAAGCGGCACCCGGGGCGCTCACCTGTGAAGCCATCTGCGCCAAGCC  
TTGCTGAACGGAGGCGTCTGCGTTAGGCTGACCAAGTGCAGTGCGCCCCCGCTGGGGAGGGAAGCAC  
TGTGATGTGGACGTGGATGAATGTAGGACCAGCATCACCTCTGCTCGCACCATTTGTTTTAATACGGCAG  
GCAGCTTACCTGCGGCTGCCCCATGACCTAGTGTAGGCGTGGACGGGCGCACCTGCATGGAGGGGTC  
CCCAGAGCCCCAACCAGTGCAGCATACTCAGCGTGGCCGTTCCGGGAGGCGGAAAAAGATGAGCGCGCT  
CTGAAGCAGGAGATTACGAGCTGCGAGGGCGCCTGGAGCGGCTGGAGCAGTGGGCGGTCAGGCTGGGG  
CCTGGGTGAGAGCGGTGCTGCCCGTCCCGCCTGAAGAGCTGCAGCCAGAACAGGTGGCTGAGCTGTGGG  
CCGGGGTGACCGGATCGAATCTCTCAGCGACCAGGTGCTGCTGCTGCAGGAGAGGCTAGGTGCTGCTCC  
TGTGAGGACAACAGCCTGGGCCTCGGCGTCAATCATCGA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG207461 representing NM\_030652  
 Red=Cloning site Green=Tags(s)

MGSRAELCTLLGGFSFLLLLIPGEGAKGGSLRESQGVCSKQTLVVPLHYNESYSQPVYKPYLTLCAGRRI  
 CSTYRTMYRVMWREVRREVOQTHAVCCQGWKKRHPGALTCEAICAKPCLNGGVCVRPDQCECAPGWGGKH  
 CHVDVDECRTSITLCSHHCFNAGSFTCGCPHDLVVGVDGRTCMEGSPEPPTSASILSVAVREAEKDERA  
 LKQEIHELGRRLERLEQWAGQAGAWVRAVLPVPPEELQPEQVAELWGRGDRIESLSDQVLLLQERLGACS  
 CEDNSLGLGVNHR

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_030652

**ORF Size:** 879 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\\_030652.2](#), [NP\\_085155.1](#)

**RefSeq Size:** 1293 bp

**RefSeq ORF:** 882 bp

**Locus ID:** 80864

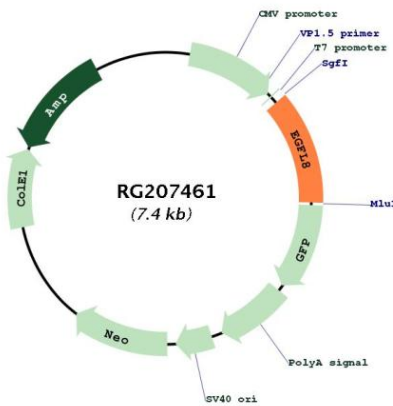
**UniProt ID:** [Q99944](#)

**Cytogenetics:** 6p21.32

**Domains:** EGF\_CA, EGF, EGF

**Protein Families:** Secreted Protein

**Product images:**



Circular map for RG207461