

## Product datasheet for **RG205021**

### **BTF3L4 (NM\_152265) Human Tagged ORF Clone**

#### Product data:

Product Type: Expression Plasmids  
Product Name: BTF3L4 (NM\_152265) Human Tagged ORF Clone  
Tag: TurboGFP  
Symbol: BTF3L4  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-AC-GFP (PS100010)  
E. coli Selection: Ampicillin (100 ug/mL)  
ORF Nucleotide Sequence: >RG205021 representing NM\_152265  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGAATCAAGAAAAGTTAGCCAACTTCAGGCTCAGGTCCGGATAGGGGGCAAGGTACAGCTCGCAGAA  
AGAAGAAGGTGGTACATAGAACAGCCACAGCTGATGACAAAAAGCTTCAGAGTTCTCTAAAAAACTGGC  
TGTGAATAATATAGCTGGTATTGAAGAGGTGAACATGATTAAAGATGATGGGACAGTTATTCATTCAAC  
AATCCCAAAGTCCAAGCTTCCCTTTCTGCTAATACCTTTGCAATTACTGGTCATGCAGAAGCCAAACCAA  
TCACAGAAATGCTTCTGGAATATTAAGTCAGCTTGGTGCTGACAGTTTAAACAGCCTTAGGAAGTTAGC  
TGAAACAGTTCCACGGCAAGTCTTGGACAGTAAAGCACCAAAACCAGAAGACATTGATGAGGAAGATGAT  
GATGTTCCAGATCTTGTAGAAAATTTTGATGAGGCATCAAAGAATGAAGCTAAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG205021 representing NM\_152265  
Red=Cloning site Green=Tags(s)

MNQEKLAKLQAQVRIGGKTARRKKKVHRTATADKKLQSSLKKLAVNNIAGIEEVNMIKDDGTVIHFN  
NPKVQASLSANTFAITGHAEAKPITEMLPGILSQLGADSLTSLRKLAEQFPRQVLDKAPKPEDIDEEDD  
DVPDLVENFDEASKNEAN

**TR**TRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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**Cloning Scheme:**


**ACCN:** NM\_152265

**ORF Size:** 474 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.

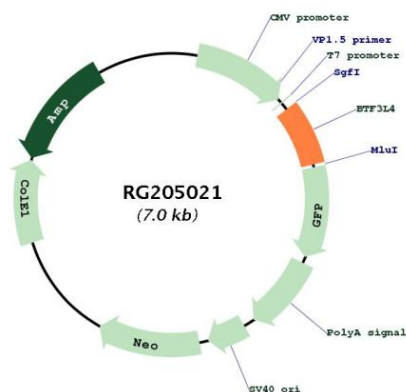
**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_152265.5](#)

**RefSeq Size:** 2203 bp

RefSeq ORF: 477 bp  
 Locus ID: 91408  
 UniProt ID: [Q96K17](#)  
 Cytogenetics: 1p32.3

### Product images:



Circular map for RG205021