

## Product datasheet for **RG215807**

### **C10orf30 (BEND7) (NM\_152751) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C10orf30 (BEND7) (NM_152751) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BEND7
Synonyms:	C10orf30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG215807 representing NM\_152751  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAATAAAAAAGCAAATTACAGGGATGAGAAGATTGCTGAACGACAGCACTGGCGGATCTATCAGC  
 GAGTTGGCAAAGAAGGAGAGAACTAAAAGAAGAGCCCCAGGACCTGGATTTAGTCTGGCCTCCAGGTTT  
 GAACTCCTCTGCTGAGGCCCGCAAAGCCTCCACCCGTTCTACGTTGGTGTGGAATGAGCTACCGCCC  
 CAGAGTGGACAGTTCTCAGGGCAGTATGGCACCCGTTCTAGAACCTTCCAAAGCCAGCCCCACCCTACCA  
 CGAGCTCCAATGGAGAATTCCAGTGGTGAATTCATCAGCTGGATCAAAGTCTGTACTTGTAACTGCCA  
 GTCAACGTTGCAGGCCATTCTACAAGAAGTCAAGACCATGAGGAAATTAATGCAAATTAAGCAGTTGGA  
 ACTCAAAACAGACAACAACCTCCAATTTCCCTTATATGCTCCCAGCGAAGTGTCTCTCACGAAAGAGAA  
 ATAAAAAGAAAAAGTCCCCCAAAGACTGTGGAACCTTACTGTGAAACAGAAGCCCAGTGGGTGAGA  
 GATGGAGAAAAAGTCGGTGGTGGCTCTGAGCTATCTGCTCTCCAGGCAGCCGAGCACACCTCCCCGGAG  
 GAGAGCCGCGTTCTAGGATTCGGCATTGTTCTGGAATCACCTTCCTCAGATCCAGAAGTACAACCTTGCTG  
 AAGGCTTTGACGTGTTTATGCCTAAATCTCAGCTGGACTCTATATTGTCAAACACTACCTCGCTCAGGAAG  
 CCTTCTGTTTAGAAAAGTGGTGTGTGCGTTTTTTGATGACAAGACTTTGGCTAACTCCTTACCCAATGGG  
 AAGAGGAAAAGAGGACTCAATGACAACCGAAAGGACTAGACCAAAATATTGTGGGTGCAATAAAAGTCT  
 TCACAGAAAAGTACTGTACAGCTAACCATGTGGATAAGCTTCCCGGCCAAGAGATTGGGTGCAGATTCT  
 ACAGGATCAAATTAAGTGGCCAGAAGAAGTTAAAAAGAGGCTCAGCAGAGATCGCGGACAGTGTAA  
 AGACTGGACGGCATTGCTCTACCACCAACAGGTGCTTGTGGTGGGCCCTGCAGTGTCTGCCGGTGGGA  
 GTGCAGCGGTGACCCTAGTCTTGCAGAGCTCTCCTCAGACAATGTCACAAGAAAAGGACAGATGGCAGA  
 ACCCTGGGAGGAGCAGCATCTCGTCTCCTGAACAACCTTACCAGAGACAGAGCTGAAACAGGAGCTTTG  
 TCCCAAACAGCCAAGACTTCAAGCACCATTCTTCTCATAAAGTCTCAGTCTCAGCTACACTTCATC  
 ATCAGAGAGGATTGCAACTTTCCCGGCCAGGCTCAGCCAAGTCTTACCTTCACATCTTGCCTCTC  
 TCTC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>RG215807 representing NM\_152751  
 Red=Cloning site Green=Tags(s)

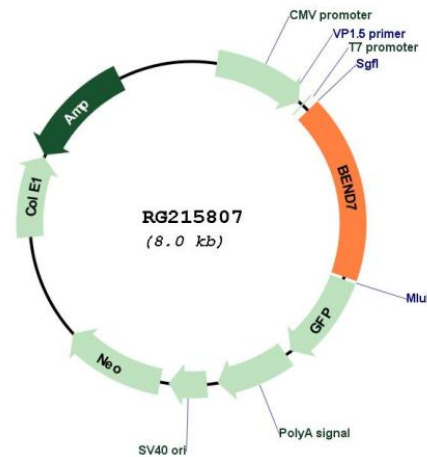
MEIKKQITGMRLLNDSTGRIYQRVGKEGKLEKEPQDLDLVWPPRLNSSAEAPQSLHPSSRGVWNEP  
 QSGQFSGYQTRSRFTFSQPHPTSSNGELPVVNSAGSNCCTCNCQSTLQAILQELKTMRLMQIQAVG  
 TQNRQPPISLICSQRTAVSRKRNNKKKVPKTVLEPLTVKQKPSGSEMEKKSVAESELALQAAEHTSPE  
 ESRVLGFGIVLESPSSDPEVQLAEGFDVFMPSQLDSILSNYTRSGSLLFRKLVCAFFDDKTLANSLPNG  
 KRKRGLNDNRKGLDQNIIVGAIKVFTEKYCTANHVDKLPGRDWVQILQDQIKLARRRLKRGSAEIASDSE  
 RLDGIALPPTGACGGPCTVLPGGSAAVTLVLQSSPQTMSEQKGMPEWEEQHLVLLNNLTRDRAETGAL  
 SQTSDQFKHHSFLITQVSATLHHQRGIRNFPAPGSAKSLTLHISCLSL

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_152751

**ORF Size:** 1404 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\\_152751.1](#), [NP\\_689964.1](#)

**RefSeq Size:** 2239 bp

**RefSeq ORF:** 1407 bp

**Locus ID:** 222389

**UniProt ID:** [Q8N7W2](#)

**Cytogenetics:** 10p13