

Product datasheet for **RG215854**

C10orf30 (BEND7) (NM_001100912) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf30 (BEND7) (NM_001100912) 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)
ORF Nucleotide Sequence:	>RG215854 representing NM_001100912 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAATAAAAAAGCAAATTACAGGGATGAGAAGATTGCTGAACGACAGCACTGGGCGGATCTATCAGC
GAGTTGGCAAAGAAGGAGAGAACTAAAAGAAGAGCCCCAGGACCTGGATTTAGTCTGGCCTCCACGTTT
GAACTCCTCTGCTGAGGCCCGCAAAGCCTCCACCCGTCTTACGTGGTGTGGAATGAGCTACCGCCC
CAGAGTGGACAGTTCTCAGGGCAGTATGGCACCCGTTCTAGAACCTTCAAAGCCAGCCCCACCCTACCA
CGAGCTCCAATGGTATGGTTGTCAACAAACATTCAGAAGGCTCTCATGGGGGAGAACTTCCAGTGGTGAA
TTCATCAGCTGGATCAAACCTGCTGTAACCTGCAAGTTCAGGCTCAAGTTGCAGGCCATTCTACAAGA
AAGACCATGAGGAAATTAATGCAAATTCAGCAGTTGGAACCTCAAACAGACAACAACCTCCAATTTCCC
TTATATGCTCCCAGCGAACTGCTGTCTCACGAAAGAGAAAATAAAAAAGAAAAAGTCCCCCAAAGACTGT
GGAACCTTACTGTGAAACAGAACCCAGTGGGTGAGAGATGGAGAAAAAGTCGGTGGTGGCCTCTGAG
CTATCTGCTCTCCAGGCAGCCGAGCACCTCCCCGAGGAGAGCCGCTTCTAGGATTCGGCATTGTTTC
TGGAAACACCTTCTCAGATCCAGAAGTACAACCTGCTGAAGGCTTTGACGTGTTATGCCTAAATCTCA
GCTGGACTCTATATTGTCAAACACTCGCTCAGGAAGCCTTCTGTTTAGAAAAGTGGTGTGCGGTTT
TTTGATGACAAGACTTTGGCTAACTCCTTACCAATGGGAAGGAAAAGAGGACTCAATGACAACCGGA
AAGGACTAGACCAAAATATTGTGGGTGCAATAAAAGTCTTACAGAAAAGTACTGTACAGCTAACCATGT
GGATAAGCTTCTGGCCCAAGAGATTGGGTACAGATTCTACAGGATCAAATTAACCTGGCCAGAAGAAGG
TAAAAAGAGGCTCAGAGATCGCGGACAGTGATGAAAGACTGGACGGCATTGCTCTACCACCAACAGTGG
TC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG215854 representing NM_001100912
Red=Cloning site Green=Tags(s)

MEIKKQITGMRLLNDSTGRIYQRVGKEGKLEEKPEQDLDLVWPPRLNSSAEAPQSLHPSSRGVWNELEPP
 QSGQFSGQYGTSRRTFQSQPHPTTSSNGMVVNHSEGSHGELPVVNSSAGSNCCNCQSTLQAILQEL
 KTMRKLMIQAVGTQNRQPPISLICSQRTAVSRKRNNKKKVPKTVPELTVKQKPSGSEMEKKSVVASE
 LSALQAAEHTSPEESRVLGFGIVLESPSSDPEVQLAEGFDVFMPSQLDSILSNYTRSGSLLFRKLVCAF
 FDDKTLANSLPNGKRKRGLNDRKGLDQNIIVGAIKVFTEKYCTANHVDKLPGRDWWQILQDQIKLARRR
 LKRGEIADSDERLDGIALPPTVV

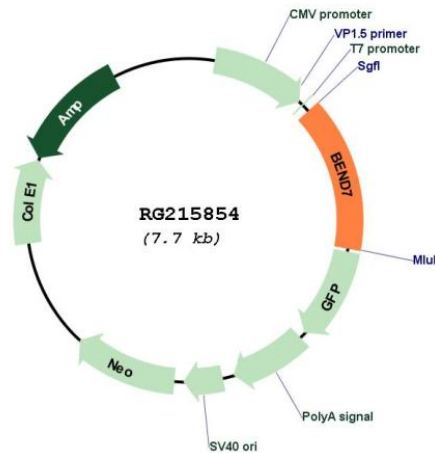
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001100912

ORF Size:	1122 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:	<ol style="list-style-type: none">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_001100912.2
RefSeq Size:	1924 bp
RefSeq ORF:	1125 bp
Locus ID:	222389
UniProt ID:	Q8N7W2
Cytogenetics:	10p13