

Product datasheet for **RG200130**

DNAJC17 (NM_018163) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	DNAJC17
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG200130 representing NM_018163
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCAGTGACCAAGGAGCTCTTACAGATGGACCTGTACGCGCTGCTAGGCATTGAGGAGAAGGCAGCGG
ACAAAGAGGTAAAGAAGGCGTATAGGCAGAAGGCCCTCTCTGCCACCCAGACAAAAATCCAGATAATCC
CAGAGCAGCTGAACTCTTCCACCAGCTTTCTCAGGCCTTGGAGGTGCTGACCGATGCTGCAGCCAGGGCT
GCATATGACAAGGTCAGGAAAGCCAAGAAGCAAGCAGCAGAGAGGACCCAGAACTTGATGAGAAAAGGA
AGAAAGTGAAGCTTGACCTGGAGGCCCGGAGCGGCAGGCCAGGCCAGGAGAGTGAGGAGGAAGAGGA
GAGCCGGAGCACCAGGACACTAGAGCAAGAGATCGAACGCTGAGAGAAGAGGGTTCCCGGCAGCTGGAG
GAACAGCAGAGGCTCATCCGGGAGCAGATACGCCAGGAGCGTGACCAGAGGTTGAGAGGAAAGGCAGAAA
ATACTGAAGGCCAAGGAACCCCAAAGCTAAAGCTAAATGGAAGTGCAAGAAGGAGGATGAGTCAAAAGG
TGGCTACTCCAAAGACGTCCTCCTACGGCTTTTGCAGAAGTATGGTGAGGTTCTCAACCTGGTGCTTTCC
AGTAAGAAGCCAGGCACTGCTGTGGTGGAGTTTGCAACCGTCAAGGCAGCGGAGCTGGCTGTCCAGAATG
AAGTTGGCCTGGTGGATAACCTCTGAAGATTTCTGGTTGGAGGGACAGCCCCAGGATGCCGTGGGCCG
CAGCCACTCAGGACTGTCAAAGGGCTCAGTGCTGTGAGAGGGACTACGAGAGCCTCGTCATGATGCGC
ATGCGCCAGGCGGCCGAGCGGCAACAGCTGATCGCACGGATGCAGCAGGAAGACCAGGAGGGGCCGCTA
CG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



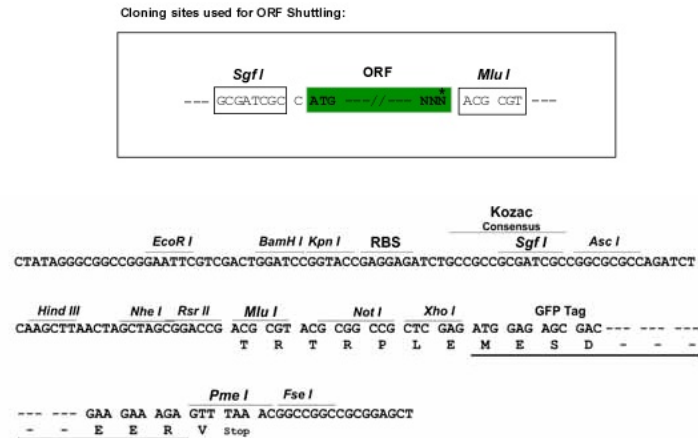
Protein Sequence: >RG200130 representing NM_018163
 Red=Cloning site Green=Tags(s)

MAVTKELLQMDLYALLGIEEKAADKEVKKAYRQKALSCHPDKNPDNPRAAELEFHQLSQALEVLTDAARA
 AYDKVRKAKKQAAERTQKLDEKRKKVKLDLEARERQAQAQSEEEEEESRSTRLEQEIERLREEGSRQLE
 EQQRLIREQIRQERDQRLRGKAENTEGQGTPLKLLKWKCKEDESKEGYSKDVLLRLQKYGEVLNLVLS
 SKKPGTAVVEFATVKAELAVQNEVGLVDNPLKISWLEGQPQDAVGRSHSGLSKGSVLSERDYESLVMMR
 MRQAAERQQLIARMQEDQGPPT

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_018163

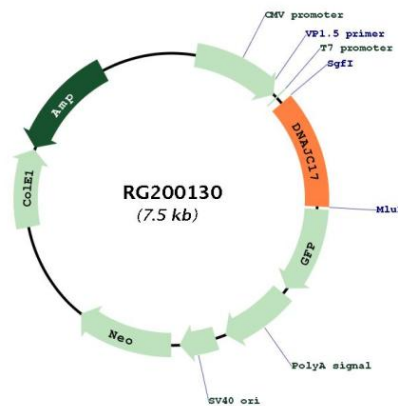
ORF Size: 912 bp

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:	<u>NM_018163.3</u>
RefSeq Size:	993 bp
RefSeq ORF:	915 bp
Locus ID:	55192
UniProt ID:	<u>Q9NVM6</u>
Cytogenetics:	15q15.1
Gene Summary:	May negatively affect PAX8-induced thyroglobulin/TG transcription.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RG200130