

## Product datasheet for **RG202958**

### **DNAJC30 (NM\_032317) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC30 (NM_032317) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DNAJC30
Synonyms:	LHONAR; MC1DN38; WBSCR18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG202958 representing NM_032317 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**

ATGGCAGCCATGCGCTGGCGATGGTGGCAGCGGCTGTTACCTTGGAGTTGCTGCAGGCCCGTGGCTTTC  
CACAAATTCTGCACCCAGCCTGGGCCTAAGAGCGAGGACTTATCCCAGGGCGACTGCTCGTATTCGCG  
CACGGCGCTGTATGATCTGCTCGGCGTCCCTCCACAGCCACGCAGGCCCAAATCAAGGCGGCTTACTAC  
CGTCAGTGCTTTCTCTACCACCCGACCGCAACTCCGGGAGCGCGAGGCCCGCGAGCGCTTCACGCGCA  
TCTCCAGGCCTACGTGGTGCTGGGCAGTGCCACCCTCCGTCGCAAGTATGATCGCGGCCTACTCAGCGA  
CGAGGACCTGCGCGGACCTGGCGTCCGGCCCTCCAGGACGCCCGCACCCGACCCCGGCTCGCCGCGTACC  
CCGCCGCCACCTCTCGGACCCACGACGTTCTCGGGCCTCCCCCGCGCCAACCGCACGATGTTCAACT  
TTGACGCTTCTACCAGGCCACTACGGGGAACAACCTGGAGCGGGAACGGCGCCTGAGGGCCCGCGGGA  
GGCCCTTCGAAACGGCAGGAGTATCGGTCCATGAAAGGCCTCCGCTGGGAGGATACCCGAGACACGGCT  
GCCATTTTCCTCATCTTTCAATCTTCATCATCATCGGCTTTTATATT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG202958 representing NM\_032317  
 Red=Cloning site Green=Tags(s)

MAAMRWWRWQRLLPWRLQARGFPQNSAPSLGLRARTYSQGDCSYSRTALYDLLGVPSTATQAQIKAAYY  
 RQCFLYHPDRNSGSAEAAERFTRISQAYVVLGSATLRRKYDRGLLSDEDLRGPGVRPSRTPAPDPGSPRT  
 PPPTSRTHDGSRASPGANRTMFNFDAFYQAHYGEQLERERRRLRARREALRKRQEYRSMKGLRWEDTRDTA  
 AIFLIFSIFIIIGFYI

TRTRPLE – GFP Tag – V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_032317

**ORF Size:** 678 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\\_032317.1](#)

**RefSeq Size:** 2534 bp

**RefSeq ORF:** 681 bp

**Locus ID:** 84277

**UniProt ID:** [Q96LL9](#)

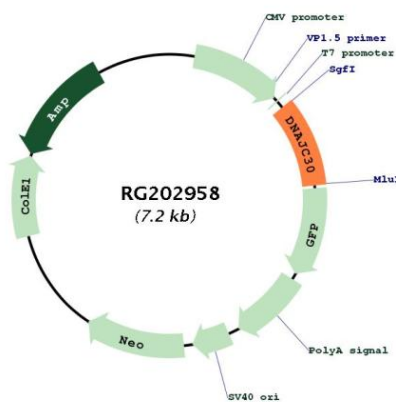
**Cytogenetics:** 7q11.23

**Domains:** DnaJ

**Protein Families:** Transmembrane

**Gene Summary:** This intronless gene encodes a member of the DNAJ molecular chaperone homology domain-containing protein family. This gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. [provided by RefSeq, Jul 2008]

## Product images:



Circular map for RG202958