

Product datasheet for RG207352

DNAJB8 (NM_153330) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: DNAJB8 (NM_153330) Human Tagged ORF Clone

Tag: TurboGFP

Symbol: DNAJB8

Synonyms: CT156; DJ6

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG207352 representing NM_153330

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG207352 representing NM_153330

Red=Cloning site Green=Tags(s)

MANYYEVLGVQASASPEDIKKAYRKLALRWHPDKNPDNKEEAEKKFKLVSEAYEVLSDSKKRSLYDRAGC DSWRAGGGASTPYHSPFDTGYTFRNPEDIFREFFGGLDPFSFEFWDSPFNSDRGGRGHGLRGAFSAGFGE FPAFMEAFSSFNMLGCSGGSHTTFSSTSFGGSSSGSSGFKSVMSSTEMINGHKVTTKRIVENGQERVEVE

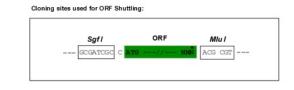
EDGQLKSVTVNGKEQLKWMDSK

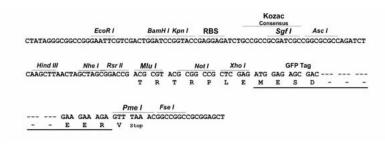
TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:





ACCN: NM_153330

ORF Size: 696 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: <u>NM 153330.2</u>, <u>NP 699161.1</u>

 RefSeq Size:
 2479 bp

 RefSeq ORF:
 699 bp

 Locus ID:
 165721

 UniProt ID:
 Q8NHS0

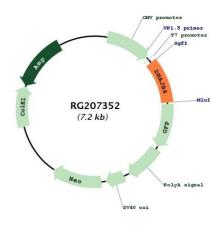
 Cytogenetics:
 3q21.3

Gene Summary: The protein encoded by this gene belongs to the DNAJ/HSP40 family of proteins that regulate

chaperone activity. This family member suppresses aggregation and toxicity of polyglutamine proteins, and the C-terminal tail is essential for this activity. It has been implicated as a cancer-testis antigen and as a cancer stem-like cell antigen involved in renal cell carcinoma.

[provided by RefSeq, Jun 2012]

Product images:



Circular map for RG207352