

Product datasheet for **RG205251**

DNAJC5B (NM_033105) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: DNAJC5B (NM_033105) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: DNAJC5B
Synonyms: CSP-beta
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG205251 representing NM_033105
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCATGTAACATACCTAACCAAAGACAGCGGACTCTGTCAACAACAGGAGAAGCTCTATACGAAATTC
 TTGGTCTGCATAAGGGAGCATCAAATGAAGAAATTAAGAAAACCTACAGAAAATTGGCCCTGAAACACCA
 TCCAGACAAGAATCCAGATGATCCAGCTGCTACTGAGAAGTTAAAGAAATCAACAACGCCACGCAATA
 CTTACCGACATTTCAAAGAGAAGCATATACGACAAGTACGGATCGCTGGGACTCTACGTGGCCGAGCAGT
 TTGGAGACGAAAACGTTAACACCTACTTCATGCTGCTCGAGCTGGTGGCAAAGGCCCTGTTGTTCATCGT
 TGGCCTCTTGACGGGCTGCTACTTTTGCTGCTGCCTGTGCTGCTGCTGCAACTGCTGCTGTGGACTGCG
 CGGCCGAGTCATCAGTGCCAGAAGAGGACTTCTATGTGTCCCCAGAGGATCTGGAGGAGCAGATCAAGT
 CTGACATGGAAAAAGATGTGGACTTTCCAGTTTTCTCCAGCCTACAAATGCAAAATGAGAAAAACACAGCT
 AATCAAAGAAGGATCTCGAAGTTATTGCACAGACTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG205251 representing NM_033105
 Red=Cloning site Green=Tags(s)

MACNIPNQRQRTLSTTGEALYEILGLHKGASNEEIKKTYRKLALKHHPDKNPDDPAATEKFK EINNAHAI
 LTDISKRSIYDKYGLGLYVAEQFGDENVNTYFMLS SSWAKALFVIVGLLTGCFYCCCLCCCNCCCGHC
 RPESVPEEDFYVSPEDLEEIQIKSDMEKDVPVFLQPTNANEKTLIKEGSRSYCTDS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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_033105.6](#)

RefSeq Size: 1398 bp

RefSeq ORF: 600 bp

Locus ID: 85479

UniProt ID: [Q9UF47](#)

Cytogenetics: 8q13.1

Gene Summary: This gene encodes a member of the DNAJ heat shock protein 40 family of co-chaperone proteins that is characterized by an N-terminal DNAJ domain, a linker region, and a cysteine-rich C-terminal domain. The encoded protein, together with heat shock protein 70, is thought to regulate the proper folding of other proteins. The orthologous mouse protein is membrane-associated and is targeted to the trans-golgi network. [provided by RefSeq, Mar 2017]