

Product datasheet for **MG202687**

Dnajb8 (NM_019964) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dnajb8 (NM_019964) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Dnajb8
Synonyms: 1700016F14Rik; 1700031F10Rik; AI326313; mDj6
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG202687 representing NM_019964
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCAACACTACTATGAAGTGCTGGGTGTACAATCAAGCGCCTCCCTGAGGACATCAAGAAGGCCTATC
 GAAAGCTGGCTTTGCGTTGGCACCCCTGACAAGAACCCCGACAACAAGAAGAAGCTGAGAAGAAGTTTAA
 GCAGGTTCCGAAGCCTACGAAGTCTTGTGAGACTCTAAGAAGCGTTCTGTGTACGACCGGGCAGGCTGT
 GACAGATGGAGAGCAGGTGGCGGTGCCAATGTCCCCATAGCAGTCCCTTCGGTGTGGCTATCCCTTCC
 GAAATCCTGAGGATATTTCCGCGAGTTCTTTGGGGACTGGACCCTTTTCTTTGAATTCTGGGACAC
 TCCGTTACGCGGCCGAGGCCGCCCATGGTTTACACAGAGTCTTCCCTTCGGGCTTTGGTGAAGTTCCCA
 GCCTTCATGGAAGCCTTGTTCATCTTTCAACTCTGGGCCATGGTGGGGCAGCCGCTCCACCTTTTCAT
 CTGCTTCGTTTGGTGGCTCTGGCAGCTCAGGGTTCAAGTCAGTGATGTCATCGACTGAGATGGTGAACGG
 CCGTAAGGTGACCACCAAGCGAATCATTGAGAACGGCCAAGAGCGGGTGGAGGTGGAAGAAGATGGACAG
 CTCGTCAGTAACTGTCAATGGCAAGGAGAAGCTCATGAGGGTGGACAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202687 representing NM_019964
 Red=Cloning site Green=Tags(s)

MANYEVLGVQSSASPEDIKKAYRKLALRWHPDKNPDNKEEAEEKFKQVSEAYEVLSDSKKRSVYDRAGC
 DRWRAGGGANVPHSSPFGAGYPRNPEDIFREFFGGLDPFSFEFWDTPFSGRGRPHGLHRVFPSPGFGEFP
 AFMEALSSFNTLGHGGSRSTFSSASFGGSGSSGFKSVMSSTEMVNGRKVTTKRIIENGQERVEVEEDGQ
 LRSVTVNGKEKLMRVDK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_019964

ORF Size: 681 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: [NM_019964.1](#), [NP_064348.1](#)

RefSeq Size: 989 bp

RefSeq ORF: 684 bp

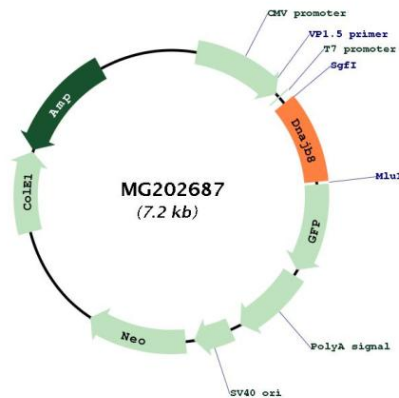
Locus ID: 56691

UniProt ID: [Q9QYI7](#)

Cytogenetics: 6 39.25 cM

Gene Summary: Efficient suppressor of aggregation and toxicity of disease-associated polyglutamine proteins. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG202687