

Product datasheet for **MG201010**

Dnajc24 (NM_026992) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: TurboGFP
Symbol: Dnajc24
Synonyms: 1700030A21Rik; 2610027M02Rik; AV066965; AW240712; Dph4; MmDjC7; Zcs13
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG201010 representing NM_026992
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTTTGGAGCAGACACTCAAAAAGGATTGGTACAGCATTCTGGGTGCAGACCCATCTGCAAATATGT
CAGACCTAAAAACAAAAATATCAGAACTCATATTACTGTATCATCCAGATAAACAAAGTGCAGATGTGCC
AGCTGGAACCATGGAGGAGTGTATGCAGAAGTTTATTGAAATTGATCAGGCATGGAAAATTCTAGGGAAT
GAAGAAACCAAGAAAAAGTATGACCTGCAGCGGCATGAAGATGAGCTAAGAAATGTGGGGCCAGTAGATG
CACAGGTGCGCCTTGAAGAGATGTCCTGGAACCAAGGTGATGAATCTTTCTTTCTGAGCTGTCGATGTGG
TGGAAATACACTGTCTCCAAGGATGAAGCACAAAGAAGCCACCCTCATCTCCTGTGACGCGTCTCGCTG
ATTGTGGAGCTCCTCCATCAGAGC

AG**CGGACCG**ACGCGTACGCGCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201010 representing NM_026992
Red=Cloning site Green=Tags(s)

MALEQTLKLDWYSILGADPSANMSDLKQKYQKLLLYHPDKQSADVPAGTMEECMQKFIEIDQAWKILGN
EETKKKYDLQRHEDELNRNVPVDAQVRLLEMSWNQGDSEFFLSCRGGKYTVSKDEAQEATLISCDACSL
IVELLHQS

SG**PTRRRLE** - GFP Tag - V

Restriction Sites: SgfI-RsrII



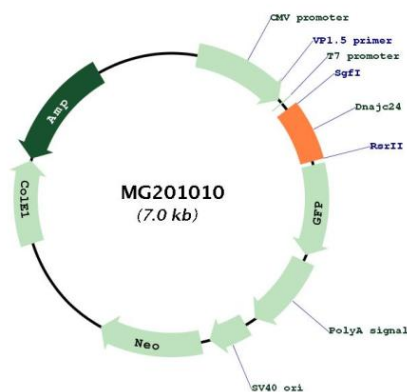
RefSeq Size: 1190 bp
RefSeq ORF: 447 bp
Locus ID: 99349

UniProt ID: [Q91ZF0](#)

Cytogenetics: 2 E3

Gene Summary: The iron-bound form is redox-active and can function as electron carrier (By similarity). Stimulates the ATPase activity of several Hsp70-type chaperones. This ability is enhanced by iron-binding. Plays a role in the diphthamide biosynthesis, a post-translational modification of histidine which occurs in translation elongation factor 2 (EEF2).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG201010