# Mouse Dnajb9 (NM\_013760) cDNA/ORF clone

Catalog Number: 707504-2



## **General Information**

#### **Gene Name:**

DnaJ heat shock protein family (Hsp40) member B9

Official Symbol: Dnajb9

Organism: Mus musculus

**RefSeq:** NM\_013760

# Description

## **Sequence Description:**

Identical with the Gene Bank Ref. ID sequence.

**Vector:** pEXP-Entry

Note: using kanamycin at 25 ug/ml, higher concentration may lead to no bacteria clones.

Restriction Sites: SgfI + MluI

# **Shipping carrier:**

Each tube contains approximately 5  $\mu g$  - 10  $\mu g$  of lyophilized plasmid.

## Storage:

The lyophilized plasmid can be stored at ambient temperature for three months.

#### **Quality control:**

The plasmid is confirmed by full-length sequencing with primers in the sequencing primer list.

# Sequencing primer list:

T7:TAATACGACTCACTATAGG

M13 rev: CAGGAAACAGCTATGAC

# **Plasmid Resuspension protocol**

- 1. Centrifuge at  $5,000 \times g$  for 5 min.
- 2.Carefully open the tube and add 20  $\mu l$  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 to concentrate the liquid at the bottom. Speed is less than  $5000 \times g$ .
- 5.Store the plasmid at -20 °C.

# The plasmid is ready for:

Restriction enzyme digestion; PCR amplification; E. coli transformation; DNA sequencing

# E.coli strains for transformation (recommended but not limited):

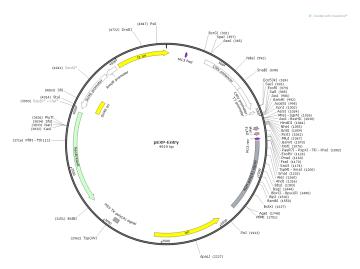
Most commercially available competent cells are appropriate for the plasmid, e.g. TOP10, DH5 $\alpha$  and TOP10F´.

# **Vector Information**

ORFs cloned in this vector will be expressed in mammalian cellsas a tagged protein with the C-terminal Myc-FLAG tags.

Such clones are the best for detection and purification of the transgene using anti-Myc or anti-FLAG antibodies.

#### **Physical Map of pEXP-Entry:**



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Vector Name pEXP-Entry Promoter CMV

Vector Size 4919 bp Antibiotic Resistance Kanamycin

Vector Type

Mammalian Expression

Selection In Mammalian

Neomycin

Vector Type Vector Cells

Expression Method Constitutive, Stable / Protein Tag Myc,FLAG
Transient