

G93696Mu01 10 μ g
cDNA Clone of Diazepam Binding Inhibitor (DBI)
Organism: Mus musculus (Mouse)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

1ST Edition (Revised in March, 2013)

[cDNA CLONE PRODUCT INFORMATION]

Gene Synonym: DBI

NCBI Reference Sequence: NM_007830.4

cDNA Size: 261bp

Residues: Ser2~Ile87 (Accession # P31786)

Vector: Cloning vector

[RELATED PRODUCTS]

Protein USCN Accession No.: P93696Mu01

Antibody USCN Accession No.: A93696Mu01

Primer USCN Accession No.: R93696Mu01

[USAGE]

Briefly centrifuge the tube for 30 seconds, then reconstitute the lyophilized plasmid in sterile water to make stock solution.

Note: *Select the targeted gene carefully. TE buffer is not recommended for inhibiting enzyme reactions*

Unique product **Superb quality** **Client favorite** **Nicest service**  **ISO9001:2008**;  **ISO13485:2003**; 

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[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Lyophilized plasmid can transport at room temperature and stable more than 12 months at -80°C.

[SEQUENCES]

Its sequence is listed below.

T7 Transcription Start
→

TGTAA TACGA CTCAC TATAG GCGCA ATTGG GCCCG ACGTC GCATG CTCCC GGCCG CCATG GCGGC CGCGG GAATT CGATT

EcoRI
GAATTC TCTCAGGCTG AATTTGACAA AGCCGCTGAG GAGGTGAAGC GCCTCAAGAC TCAGCCAACT GATGAAGAGA TGCTGTTCAT

CTACAGTCAC TTCAAACAAG CTACTGTGGG CGATGTAAAT ACAGATCGGC CGGGGCTCTT GGACCTCAAG GGCAAAGCCA

AGTGGGACTC GTGGAACAAG CTGAAAGGGA CTTCCAAGGA AAGTGCCATG AAGACCTATG TGGAAAAGGT AGACGAGCTA

XhoI
↓

AAGAAGAAAT ACGGAATA TGA CTCGAG AATCAC TAGTG AATTC GCGGC CGCCT GCAGG TCGAC CATAT GGA GAGCT CCCAA

CGCGT TGGAT GCA~~T~~A GCTTG AGTAT TCTAT AGTGT CACCT AAAT

← SP6 Transcription Start

[QUALITY CONTROL]

1. Plasmid construction has been confirmed by restriction analysis and ORF sequencing.
2. Recombinant Plasmid has been expressed in BL21(DE3).
3. Identical with the Gene Bank Ref. ID sequence ☒ Synonymous mutation
Missense mutation

*

[REFERENCES]

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2. Diez-Roux G., *et al.* (2011) PLoS Biol. 9:e1000582-e1000582.
3. Tkatchenko T.V., *et al.* (2009) Physiol. Genomics 39:160-168.
4. Magdaleno S., *et al.* (2006) PLoS Biol. 4:e86-e86.

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