

G91989Mu01 10 μ g
cDNA Clone of Toll Like Receptor 3 (TLR3)
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: TLR3

NCBI Reference Sequence: NM_126166.4

cDNA Size: 522bp

Residues: Leu533~Leu705 (Accession # Q99MB1)

Vector: Cloning vector

[RELATED PRODUCTS]

Protein USCN Accession No.: P91989Mu01

Antibody USCN Accession No.: A91989Mu01

Primer USCN Accession No.: R91989Mu01

[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 GGC GA ATTGG GCCCG ACGTC GCATG CTCCC GGCCG CCATG GCGGC CGCGG GAATT CGATT

EcoRI

GAATTC CTAGAAATCC TGGATTTTCA GCACAATAAC TTAGCCAGGC TCTGGAACG CGCAAACCCC GGTGGTCCCG TTAATTCCT

GAAGGGGCTG TCTCACCTCC ACATCTTGAA TTTAGAGTCC AACGGCTTAG ATGAAATCCC AGTCGGGGTT TCAAGAACT TATTCGAACT

AAAGAGCATC AATCTAGGAC TGAATAACTT AAACAACTT GAACCATTC TTTTGTATGA CCAGACATCT CTAAGGTCAC TGAACCTCCA

GAAGAACCCTC ATAACATCTG TTGAGAAGGA TGTTTTCGGG CGCCTTTTC AAAACCTGAA CAGTTTAGAT ATGCGCTTCA ATCCGTTTCA

CTGCACGTGT GAAAGTATTT CTGGTTTGT TAACTGGATC AACCAGACCC AACTAATAT CTCTGAGCTG TCCACTCACT ACCTCTGTAA

XhoI

CACTCCACAT CATTATTATG GCTTCCCCCT GAAGCTTTTC GATACATCAT CCGTAAAGA CAGCGCCCCC TTTGAACTC TGA CTCGAG

*

AATCAC TAGTG AATTC GCGGC CGCCT GCAGG TCGAC CATAT GGGA GAGCT CCCAA CGCGT TGGAT GCATG 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]

1. Lin Q., *et al.* (2012) J. Invest. Dermatol. 132:2085-2092.
2. Liu T., *et al.* (2012) J. Clin. Invest. 122:2195-2207.
3. Tarallo V., *et al.* (2012) Cell 149:847-859.
4. Reinert L.S., *et al.* (2012) J. Clin. Invest. 122:1368-1376.

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