

G91514Hu01 10µg
cDNA Clone of Interleukin 1 Receptor Associated Kinase 1 (IRAK1)
Organism: Homo sapiens (Human)
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: IRAK1

NCBI Reference Sequence: NM_001569.3

cDNA Size: 690bp

Residues: Phe212~Glu440 (Accession # P51617)

Vector: Cloning vector

[RELATED PRODUCTS]

Protein USCN Accession No.: P91514Hu01

Antibody USCN Accession No.: A91514Hu01

Primer USCN Accession No.: R91514Hu01

[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 TTCTCGGAGG AGCTCAAGAT CGGGGAGGGT GGCTTTGGGT GCGTGTACCG GCGGGTGATG AGGAACACGG TGTATGCTGT
GAAGAGGCTG AAGGAGAACG CTGACCTGGA GTGGACTGCA GTGAAGCAGA GCTTCCTGAC CGAGGTGGAG CAGCTGTCCA
GGTTTCGTCA CCCAAACATT GTGGACTTTG CTGGCTACTG TGCTCAGAAC GGCTTCTACT GCCTGGTGTA CGGCTTCCTG CCCAACGGCT
CCCTGGAGGA CCGTCTCCAC TGCCAGACCC AGGCCTGCCC ACCTCTCTCC TGGCCTCAGC GACTGGACAT CCTTCTGGGT
ACAGCCCGGG CAATTCAGTT TCTACATCAG GACAGCCCCA GCCTCATCCA TGGAGACATC AAGAGTTCCA ACGTCCTTCT GGATGAGAGG
CTGACACCCA AGCTGGGAGA CTTTGGCCTG GCCCGTTTCA GCCGCTTTCG CGGGTCCAGC CCCAGCCAGA GCAGCATGGT
GGCCCGGACA CAGACAGTGC GGGGCACCTT GGCCTACCTG CCCGAGGAGT ACATCAAGAC GGGAAGGCTG GCTGTGGACA
CGGACACCTT CAGCTTTGGG GTGGTAGTGC TAGAGACCTT GGCTGGTCAG AGGGCTGTGA AGACGCACGG TGCCAGGACC

XhoI
* CTCTGAG

AAGTATCTGA AAGACCTGGT GGAAGAG TGA CTCTGAG AATCAC TAGTG AATTC GCGGC CGCCT GCAGG TCGAC CATAT GGGA

← SP6 Transcription Start

GAGCT CCCAA CGCGT TGGAT GCATA GCTTG AGTAT TCTAT AGTGT CACCT AAAT

[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. Abend J.R., *et al.* (2012) J. Virol. 86:11663-11674.
2. Cui W., *et al.* (2012) Mol. Cell. Biol. 32:3990-4000.
3. Kim J.M., *et al.* (2012) Cell. Physiol. Biochem. 30:49-60.
4. Ohba T., *et al.* (2012) FEBS J. 279:211-222.

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