

G91515Ra01 10µg
cDNA Clone of Interleukin 1 Receptor Associated Kinase 2 (IRAK2)
Organism: Rattus norvegicus (Rat)
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: IRAK2

NCBI Reference Sequence: NM_001025422.1

cDNA Size: 747bp

Residues: Asp211~His458 (Accession # Q4QQS0)

Vector: Cloning vector

[RELATED PRODUCTS]

Protein USCN Accession No.: P91515Ra01

Antibody USCN Accession No.: A91515Ra01

Primer USCN Accession No.: R91515Ra01

[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
→

TGTA TACGA CTCAC TATAG GCGCA ATTGG GCCCG ACGTC GCATG CTCCC GGCCG CCATG GCGGC CGCGG GAATT CGATT
 EcoRI
 GAATTC GACCAAAAGCC ACCGAATCAG TGAGGGGACC TTTGCCGATA TCTACCGGGG ACAAAGGAAT GGCCTGGCCT TTGCCTTCAA
 GAGGCTCAGG GAGGTGACTG GCTCAAGTCC AGGGTCCATG GACAGATTCC TGCAGGCGGA GATGCAGCTC TGCCTCAGAT
 GCTGCCACCC CAACATCCTA CCTCTGCTGG GCTTCTGCAC TGGAAGACAG TTCCACAGCC TCATCTACCC CTACATGGCC AATGGCTCTC
 TGCAGGACAG ACTCTGGGCT CAGGGCGACT CAGACATGTT GTCCTGGCCA CAGCGTGCCA GCATCTGCTC AGGGCTTCTT
 CTAGCTGTGG AACACCTGCA TAGCCTGGAT ATCATCCACA GTAATGTGAA GAGTGCCAAC GTTTTGCTGG ACCAGCATCT TAACCCCAAG
 CTAGCCCATC CAGTAGCTCA CCCGTGTCCC ACCAATAAAA AGACCAATA TACTGTAATG AAGACTCACC TGTTCAGGC CTCAGCTGCG
 TATCTGCCTG AAAACTTCAT CCGAGTGGGA CAGCTCACCA AGCAAGTAGA CATCTCAGC TGTGGAATTG TATTGCGCGA GGTTCACCC
 GGCATCCCTG CAATGGACAA GGACCGCAGT CCAGTTTACC TGAAGGATTG GCTTCTCAGT GAGATTCCCA GCAATACTTC CTCAGTCCAC
 TCCAGGAAGA CCAGCATGGG GAAGGTGGTG GTGAAAGAGA TCTGCCAGAA GCAC TGA XhoI
 * CTCTGAG) AATCAC TAGTG AATTC GCGGC
 CGCCT GCAGG TCGAC CATAT GGGG GAGCT CCCAA CGCGT TGGAT GCATA 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. Kumar H., *et al.* (2011) Int. Rev. Immunol. 30:16-34.
2. Weber A., *et al.* (2010) Sci Signal 3:cm1-cm1.
3. The MGC Project Team. (2004) Genome Res. 14:2121-2127.
4. Keating SE., *et al.* (2008) J. Biol. Chem. 282 (46): 33435-43.

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