G91947Ra01 10μg
cDNA Clone of Acrosin (ACR)
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: ACR

NCBI Reference Sequence: NM_012490.2

cDNA Size: 750bp

Residues: Ile43~Gly291 (Accession # P29293)

Vector: Cloning vector

[RELATED PRODUCTS]

Protein USCN Accession No.: P91947Ra01

Antibody USCN Accession No.: A91947Ra01

Primer USCN Accession No.: R91947Ra01

[USAGE]

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

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

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

EcoRI

GAATTC ATTGTCGGAG GGCAGACTTC GTCGCCTGGG GCCTGGCCCT GGATGGTCAG TTTACAGATC TTCACGTCCC ATAACAGCCG
TAGGTATCAC GCCTGCGGAG GCAGCCTACT GAACTCCCAC TGGGTGCTCA CGGCTGCTCA CTGCTTCGAT AACAAAAAAA AAGTCTATGA
CTGGAGACTG GTTTTTGGAG CCCATGAAAT TGAATACGGA AGAAACAAGC CAGTGAAAGA GCCCCAGCAG GAAAGATACG TGCAGAAAAT
TGTCATCCAC GAGAAATACA ACGCTGTGAC CGAGGGGAAC GACATTGCCC TCTTGAAAGT CACTCCTCCT GTTACATGTG GGGACTTCGT
TGGGCCTGGC TGCCTACCTC ATTTTAAGTC TGGTCCTCCC AGAATCCCCC ACACCTGCTA CGTGACTGGG TGGGGATACA TAAAAGATAA
CGCCCCCAGA CCATCACCTG TCCTGATGGA GGCCCGCGTG GATCTCATTG ACCTCGACCT GTGTAACTCC ACCCAGTGGT
ACAATGGGCG TGTCACATCA ACTAATGTGT GCGCAGGGTA TCCTGAAGGC AAGATTGACA CCTGCCAGGG GGACAGTGGT
GGGCCTCTCA TGTGCAGAGA CAGCGTCGAC AGCCCCTTTG TGATCGTGGG GATCACGAGC TGGGGGGTAG GCTGTGCCCG

XhoI

TGCTAAGCGT CCTGGAGTCT ACACAGCCAC CTGGGACTAC CTGGACTGGA TTGCTTCCAA GATCGGC TGA CTCGAG AATCAC TAGTG

*

AATTC GCGGC CGCCT GCAGG TCGAC CATAT GGGA 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. Kwitek A.E., *et al.* (2004) Genome Res. 14:750-757.
2. The MGC Project Team. (2004) Genome Res. 14:2121-2127.
3. Szpirer C., *et al.* (1998) Mamm. Genome 9:721-734.
4. Rao M.V., Shah K.D. (1998) Indian J. Exp. Biol. 36:775-779.

11271 Richmond Avenue, H104, Houston, TX 77082, USA | Toll free: 001-888-960-7402 | Fax: 001-832-538-0088 | Email: mail@uscnk.us | Http://www.uscnk.us
Export Processing Zone, Wuhan 430056, P.R.China | Toll free: 0086-800-880-0687 | Fax: 0086-27-8425-9551 | Email: mail@uscnk.com | Http://www.uscnk.com