G92915Ra01 10μg
cDNA Clone of Fibroblast Growth Factor 13 (FGF13)
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: FGF13

NCBI Reference Sequence: NM_053428.1

cDNA Size: 579bp

Residues: Met1~Thr192 (Accession # Q9ERW3)

Vector: Cloning vector

[RELATED PRODUCTS]

Protein USCN Accession No.: P92915Ra01

Antibody USCN Accession No.: A92915Ra01

Primer USCN Accession No.: R92915Ra01

[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 ATGGCTTTGT TAAGGAAGTC GTATTCAGAG CCTCAGCTTA AGGGGATAGT CACCAAACTC TACAGCCGAC AAGGCTACCA
CTTGCAACTG CAGGCAGATG GAACCATTGA TGGCACCAAA GACGAGGACA GCACTTACAC TCTGTTTAAC CTCATCCCTG TGGGTCTTCG
AGTGGTGGCT ATTCAAGGAG TTCAAACCAA GCTGTATTTG GCAATGAACA GCGAGGGATA CTTGTACACC TCGGAACATT TCACACCTGA
GTGCAAATTC AAAGAATCAG TGTTTGAAAA TTATTATGTG ACATACTCAT CAATGATCTA CCGTCAGCAG CAGTCCGGCC GAGGGTGGTA
TCTGGGTCTG AACAAAGAAG GAGAGATCAT GAAAGGCAAC CATGTCAAGA AGAACAAGCC TGCAGCACAT TTTCTGCCCA AACCACTGAA
AGTGGCCATG TACAAGGAGC CCTCTCTGCA TGATCTCACG GAGTTCTCCC GATCCGGAAG TGGGACCCCG ACCAAGAGCA

XhoI

GAAGCGTCTC TGGTGTACTG AATGGAGGCA AATCCATGAG CCACAATGAA TCAACG 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. Schoorlemmer J., Goldfarb M. (2002) J. Biol. Chem. 277:49111-49119.
2. Gibbs R.A., *et al.* (2004) Nature 428:493-521.
3. Greene J.M., *et al.* (1998) Eur. J. Neurosci. 10:1911-1925.
4. Wittmack EK., *et al.* (2005) J. Neurosci. 24 (30): 6765–75.