

G90010Po01 10 μ g
cDNA Clone of Connective Tissue Growth Factor (CTGF)
Organism: *Sus scrofa*; Porcine (Pig)
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: CTGF

NCBI Reference Sequence: AAC48756

cDNA Size: 693bp

Residues: Ala101~Pro330 (Accession # O19113)

Vector: Cloning vector

[RELATED PRODUCTS]

Protein USCN Accession No.: P90010Po01

Antibody USCN Accession No.: A90010Po01

Primer USCN Accession No.: R90010Po01

[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 GGCGA ATTGG GCCCG ACGTC GCATG CTCCC GGCCG CCATG GCGGC CGCGG GAATT CGATT
EcoRI
GAATTC GCCCCTGCG TCTTTGGAGG AACGGTGAC CGGAGCGGAG AGTCCTTCCA GAGCAGCTGC AAATACCAGT GCACCTGCCT

GGACGGGGCC GTGGGCTGCG TGCCCTGTG CAGCATGGAC GTCCGCCTGC CCAGCCCCGA CTGCCCCCTT CCACGGAGGG
TCAAGCTGCC CGGGAAATGC TGCAGGAGT GGGTGTGTGA CGAGCCCAAG GACCACACCG TGGTCGGGCC TGCCCTGGCG
GCTTACCGAC TGAAGACAC GTTTGGCCCA GACCCAACTA TGATGCGAGC CAACTGCCTG GTCCAGACCA CAGAGTGGAG
TGCTGTTC AAGACCTGTG GGATGGGGAT CTCCACCCGG GTTACCAATG ACAACGCTTT CTGCAGACTG GAGAAGCAGA
GCCGCCTCTG CATGGTCAGG CTTGTGAAG CTGACCTGGA AGAGAACATT AAGAAGGGCA AAAAGTGCAT CCGTACCCCC
AAGATCTCCA AGCCCGTCAA GTTTGAGCTT TCCGGCTGCA CCAGTGTGAA GACATACCGG GCTAAGTTCT GCGGGGTATG
CACAGACGGC CGTGCTGCA CCCCTCACAG AACCAACCACC CTTCTGTGG AGTTCAAGT TCCGACGGT GAGGTCAATGA

XhoI
* →

AGAAGAGCAT GATGTTTCATC AAGACTTGTG CTGCCATTA CAACTGCCCC TGA CTCGAG AATCAC TAGTG AATTC GCGGC CGCCT

← SP6 Transcription Start

GCAGG TCGAC CATAT GGGG 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. Brigstock D.R., *et al.* (1997) J. Biol. Chem. 272:20275-20282.
2. Ellina O., *et al.* (2012) Clin. Chem. Lab. Med. 50 (1): 167-74.
3. Sonnylal S., *et al.* (2010) Arthritis Rheum. 62 (5): 1523-32.
4. Nagashima T., *et al.* (2011) Mol. Endocrinol. 25 (10): 1740-59.

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