

G90010Ov01 10 μ g
cDNA Clone of Connective Tissue Growth Factor (CTGF)
Organism: Ovis aries; Ovine (Sheep)
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: NM_001164714.1

cDNA Size: 693bp

Residues: Ala101~Pro330 (Accession # C7EDS5)

Vector: Cloning vector

[RELATED PRODUCTS]

Protein USCN Accession No.: P90010Ov01

Antibody USCN Accession No.: A90010Ov01

Primer USCN Accession No.: R90010Ov01

[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 GCCCCTGCG TCTTCGGAGG AACTGTGTAC CGGAGCGGAG AGTCCTTTCA GAGCAGCTGC AAATACCACT GCACGTGTCT
GGACGGGTGCG GTGGGCTGCG TGCCCTATG TAGCGTGGAC ATCCGCCTGC CCAGCCCCGA CTGCCCTTC CCGCGGAGGG
TCAAGCTGCC CGGAAATGC TCGAGGAGT GGGTGTGTGA TGAGCCCAAG GAGCACACCG TGGTCGGCCC TGCCCTCGCA
GCTTACGGC CGGAAGACAC GTTTGGCCCA GACCAACCA TGATCCGAGC CAACTGCCTG GTCCAGACCA CAGAGTGGAG
TGCTGTGTTCC AAGACCTGCG GAATGGGCAT CTCCACCCGG GTTACCAATG ACAACGCCCT CTGCAGGCTG GAGAAGCAGA
GCCGCTCTG CATGTGCAGG CCTTGCGAAG CTGACCTGGA GGAGAATATT AAGAAAGGCA AAAAGTGCAT CCGGACCCCC
AAGATCTCCA AGCCTATCAA GTTTGAGCTC TCTGGCTGCA CCAGCATGAA GACATACCGA GCTAAATCTC GCGGAGTGTG
CACAGACGGG CGCTGCTGCA CCCCTCACAG AACCACCACA CTTCCTGTGG AGTTCAAGTG TCCTGATGGG GAAGTCATGA

XhoI
*
CTCGAG

AGAAGAGCAT GATGTTTCATC AAGACCTGTG CCTGCCATTA CAACTGCCCC TGA 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. Sozo F., *et al.* (2006) *Physiol. Genomics* 24:105-113.
2. Wallace M.J., *et al.* (2009) *Respir. Res.* 10:19-19.
3. Ellina O., *et al.* (2012) *Clin. Chem. Lab. Med.* 50 (1): 167–74.
4. Liu S., *et al.* (2011) *Arthritis Rheum.* 63 (1): 239–46.

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