

G90128Eq03 10µg
cDNA Clone of Tissue Inhibitors Of Metalloproteinase 2 (TIMP2)
Organism: Equus caballus; Equine (Horse)
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: TIMP2

NCBI Reference Sequence: CAA09080.1

cDNA Size: 264bp

Residues: Ala2~Thr88 (Accession # O77717)

Vector: Cloning vector

[RELATED PRODUCTS]

Protein USCN Accession No.: P90128Eq03

Antibody USCN Accession No.: A90128Eq03

Primer USCN Accession No.: R90128Eq03

[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**; 

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

[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

EcoRI

CGATT GAATTC GCGGTCAGTG AGAAGGAGGT GGACTCTGGG AACGACATCT ACGGCAACCC CATCAAGCGG

ATTCAAGTATG AGATCAAGCA GATAAAGATG TTCAAAGGAC CTGACAAGGA CATCGAGTTC ATCTACACGG CTCCTCCTC

GGCCGTGTGC GGGGTCTCGC TGGACGTTGG AGGGAAGAAG GAGTACCTCA TCGCAGGAAA GGCCGATGGG

XhoI

AACGGCAAGA TGCACATCAC TCTCTGTGAC TTCATTGTGC CCTGGGACAC C 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. Clegg P.D., *et al.* (1999) Vet. J. 157:336-338.
2. Clegg P.D., *et al.* (1998) Equine Vet. J. 30:416-423.
3. Kai, Heidi S-T; *et al.* (2002) J. Biol. Chem. (United States) 277 (50): 48696-707.
4. Hoek KS., *et al.* (2008) Pigment Cell Melanoma Res. 21 (6): 665-76.

Unique product **Superb quality** **Client favorite** **Nicest service**  **ISO9001:2008**;  **ISO13485:2003**; 

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