



# AVISCERA BIOSCIENCE

## Human Connective Tissue Growth Factor (CTGF), Recombinant

### Product Information

Code	00726-01-100
Name	Human CTGF
Lot No.	
Size	100 µg
Species	Human
Sequence	Gln <sup>27</sup> -Ala <sup>349</sup>
Protein ID	P29279
Gene ID	1490
MW	38 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>95% in SDS-PAGE gel Tris buffer lyophilized
Formulation	form without preservatives
Carry	Free
Storage	-20 °C ~ -70° C
Reconstitution	500 µl
Application	ELISA

### Alternative name(s):

**Hypertrophic chondrocyte-specific protein 24**  
**Insulin-like growth factor-binding protein 8**  
**Short name=IGF-binding protein 8**

### Description

A DNA sequence encoding the human mature CTGF (Gln<sup>27</sup>-Ala<sup>349</sup>) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

### Formulation

Lyophilized 100 µg of human CTGF in 50 µl of TBS (20 mM Tris, 50mM NaCl, pH8.0). Carry free.

### Reconstitution & Storage

Add 500 µl deionized water to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

### Sequence: Human Mature CTGF (Gln<sup>27</sup>-Ala<sup>349</sup>)

```
                27 QNCS
GPCRCPDEPA  PRCPAGVSLV  LDGCGCCRVC  AKQLGELCTE
RDPCDPHKGL  FCHFGSPANR  KIGVCTAKDG  APCIFGGTVY
RSGESFQSSC  KYQCTCLDGA  VGCMP LCSMD  VRLPSPDCPF
PRRVKLPGKC  CEEWVCDEPK  DQTVVGPALA  AYRLEDTFGP
DPTMIRANCL  VQTTEWSACS  KTCGMGISTR  VTNDNASCLR
EKQSRLCMVR  PCEADLEENI  KKGKKCIRTP  KISKPIKFEL
SGCTSMKTYR  AKFCGVCTDG  RCCTPHRTTT  LPVEFKCPDG
EVMKKNMMFI  KTCACHYNCP  GDNDIFESLY  YRKMYGDMA
349
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### ORDER INFORMATION

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