

Recombinant Human Connective Tissue Growth Factor/CTGF/CCN2 Protein(C-Fc)

Cat.NO.: TP05757

3th Edition

Synonyms:Connective tissue growth factor;CCN family member 2;Hypertrophic chondrocyte-specific protein 24;Insulin-like growth factor-binding protein 8;CTGF;IGFBP8

Description:CTGF belongs to the CCN (CTGF/Cyr61/Cef10/NOVH) protein family, which is comprised of six secreted proteins that reside in the extracellular matrix (ECM). CTGF causes a variety of cellular responses including reduced cell adhesion and enhanced cell migration and proliferation. CTGF has also been shown to be essential for epithelial to mesenchymal transition (EMT), a process whereby normal functioning cells morph into ones that produce mainly scar tissue (of which collagen is the major protein component).

Form:PBS

Molecular Weight:62.6 kDa

Sequences:Gln27-Ala349

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.