Product Name: Recombinant Human CTGF
Catalog #: PHH0442

Summary

Name	CTGF/Connective Tissue Growth Factor/CCN2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Connective Tissue Growth Factor is produced by our Mammalian expression system and the target gene encoding Gln27-Ala180 is expressed.
Accession #	Q5M8T4
Host	Human Cells
Species	Human
Predicted Molecular Mass	16.3 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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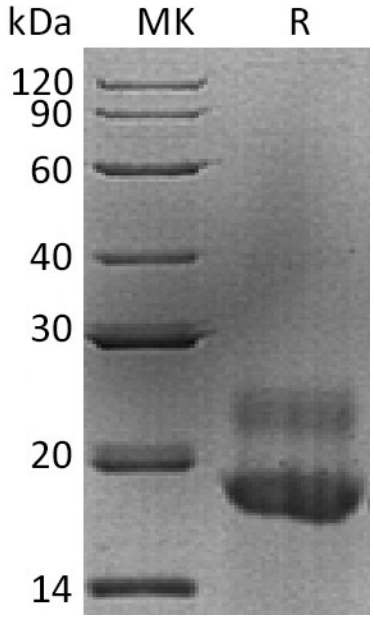

Alternative Names

Connective tissue growth factor; CCN family member 2; Hypertrophic chondrocyte-specific protein 24; Insulin-like growth factor-binding protein 8; IBP-8; IGF-binding protein 8; IGFBP-8

Background

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 in the major protein component).

Note

For Research Use Only , Not for Diagnostic Use.