

CCN2

Recombinant Human Connective Tissue Growth Factor, His

Catalog No.	CS363A	Quantity:	2 µg
	CS363B		10 µg
	CS363C		1.0 mg

Alternate Names: CCN2, NOV2, HCS24, IGFBP8, CTGF.

Description: Connective Tissue Growth Factor (CTGF) is a mitogen that is secreted by vascular endothelial cells. CTGF plays a role in chondrocyte proliferation and differentiation, and mediates heparin- and divalent cation-dependent cell adhesion in many cell types including fibroblasts, myofibroblasts, endothelial and epithelial cells. CTGF also enhances fibroblast growth factor-induced DNA synthesis. It is related to platelet-derived growth factor.

Recombinant Human CTGF contains a total of 329 amino acid residues, including aa 27-249 and a C-terminal 6x His tag.

Gene ID: 1490

UniProt ID: P29279

Source: HEK293 cells

Molecular Weight: 36 kDa

Formulation: Liquid, sterile-filtered, in Citrate buffer, pH 4.7 + 20% (w/v) glycerol.

Purity: > 90% determined by SDS-PAGE analysis.

Amino Acid Sequence: QNCSGPCRCP DEPAPRCFAG VSLVLDGCGC CRVCAKQLGE LCTERDPCDP
HKGLFCDFGS PANRKIGVCT AKDGAPCIFG GTVYRSGESF QSSCKYQCTC
LDGAVGCMPD CSMDVRLPSP DCPFPRRVKL PGKCCEEWVC DEPKDQTVVG
PALAAYRLED TFGPDPTMIR ANCLVQTTEW SACSKTCGMG ISTRVTNDNA
SCRLEKQSRL CMVRPCEADL EENIKKGKKC IRTPKISKPI KFELSGCTSM
KTYRAKFCGV CTDGRCCTPH RTTTLVVEFK CPDGEVMKKN MMFIKTCACH
YNCPGDNDIF ESLYYRMYG DMAHHHHHH

Storage & Stability: Store at 2-8°C for up to 2 weeks. For long-term storage, aliquot and store at -20°C. It is recommended to add a carrier protein (0.1% HSA or BSA) for long term storage. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

