

## 32-8390: Recombinant Human Connective Tissue Growth Factor/CTGF/CCN2 (C-Fc)

**Gene :** CTGF  
**Gene ID :** 1490  
**Uniprot ID :** P29279

### Description

Source: Human Cells.  
MW :62.6kD.

Recombinant Human CTGF is produced by our Mammalian expression system and the target gene encoding Gln27-Ala349 is expressed with a Fc tag at the C-terminus. 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).

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH 7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** QNCSGPCRCRPDEPAPRCPAGVSLVLDGCGCCRVCAKQLGELCTERDPCDPHKGLFCDFGSPAN  
RKIGVCTAKDGAPCIFGGTVYRSGESFQSSCKYQCTCLDGAVGCMPLCSMDVRLPSPDCPFPRRV  
KLPKGKCEEVWCDEPKDQTVVGPALAAAYRLEDTFGPDPTMIRANCLVQTTEWSACSKTCGMGIST  
RVTNDNASCRLEKQSRLCMVRPCEADLEENIKKGKKCIRTPKISKPIKFELSGCTSMKTYRAKFCGV  
CTDGRCCTPHRTTTL PVEFKCPDGEVMKKNMFIKTCACHYNCPGDNDIFESLYYRMYGDMAV  
DDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEV  
KFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKA  
KGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSF  
FLYSKLTVDKSRWQQGNVFSVMSHEALHNHYTQKSLSLSPGK

### Application Note

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.