

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 : QNCSGPCRCPDEPAPRCPAGVSLVLDGCGCCRVCAKQLGELCTERDPCDPHKGLFCDFGSPANRKIGVCTAK DGAPCIFGGTVYRSGESFQSSCKYQCTCLDGAVGCMPLCSMDVRLPSPDCPFPRRVKLPKGCCEEVWCDEPK DQTVVGPALAAAYRLEDTFGPDPTMIRANCLVQTTEWSACSKTCGMGISTRVTDNASCRLKQSRCLCMVRPCE ADLEENIKKGKCKIRTPKISKPIKFELSGCTSMKTYRAKFCGVCTDGRCCCTPHRTTTLPVEFKCPDGEVMKKNMM FIKTCACHYNCPGDNDIFESLYRKMYGDMVDDIEGRMDEPKSCDKHTCPCPAPELLGGPSVFLFPPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKC KVSNAKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPP VLSDSGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK

Application Note

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