

## Recombinant Human CTGF protein, hFc-tagged

**Cat. No.** CTGF-2607H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CTGF protein(Q5M8T4-1)(Gln27-Ala349), fused with N-terminal hFc tag, was expressed in HEK293.                                      |
| <b>Species</b>          | Human                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                               |
| <b>ProteinLength</b>    | Gln27-Ala349                                                                                                                                         |
| <b>Tag</b>              | N-hFc                                                                                                                                                |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5 with trehalose as protectant.           |
| <b>Bio-activity</b>     | Immobilized Human CTGF, Fc Tag at 5 µg/mL (100 µL/well) can bind Monoclonal Anti-Human CTGF Antibody, Human IgG1 with a linear range of 0.8-6 ng/mL. |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 61.9 kDa.                                                                                                         |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                           |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                      |
| <b>Storage</b>          | For long term storage, the product should be stored at lyophilized state at -20°C or lower.                                                          |

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Please avoid repeated freeze-thaw cycles.  
 This product is stable after storage at:  
 -20°C to -70°C for 12 months in lyophilized state;  
 -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** CTGF connective tissue growth factor [ Homo sapiens ]

**Official Symbol** CTGF

**Synonyms**

CTGF; connective tissue growth factor; CCN2; IGFBP8; IBP-8; IGFBP-8; CCN family member 2; IGF-binding protein 8; hypertrophic chondrocyte-specific protein 24; insulin-like growth factor-binding protein 8; NOV2; HCS24; MGC102839;

**Gene ID** 1490

**mRNA Refseq** NM\_001901

**Protein Refseq** NP\_001892

**MIM** 121009

**UniProt ID** Q5M8T4-1

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