

Recombinant Human CTGF protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CTGF protein(Q5M8T4-1)(Gln27-Ala349), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln27-Ala349
Tag	N-hFc
Form	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.
Bio-activity	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.
Molecular Mass	The protein has a calculated MW of 61.9 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	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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