

## Active Recombinant Human CTGF protein, His-Avi-tagged, Biotinylated

**Cat. No.** CTGF-2604H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human CTGF protein(Gln 27 - Ala 349), fused with His-Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln 27 - Ala 349
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in Tris with Potassium glutamate and Arginine, pH7.0. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Biotinylated Human CTGF Protein, His,Avitag at 2 µg/mL (100 µL/well) on streptavidin precoated (0.2 µg/well) plate, can bind Monoclonal Anti-Human CTGF Antibody, Human IgG1 with a linear range of 0.6-5 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 39.2 kDa. The protein migrates as 40-42 kDa and 43-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. 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.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Biotin
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CTGF connective tissue growth factor [ Homo sapiens ]
<b>Official Symbol</b>	CTGF
<b>Synonyms</b>	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;
<b>Gene ID</b>	1490
<b>mRNA Refseq</b>	NM_001901
<b>Protein Refseq</b>	NP_001892
<b>MIM</b>	121009
<b>UniProt ID</b>	P29279

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA