

# Recombinant Human CTGF Protein, DDK-tagged

**Cat. No.** CTGF-852H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CTGF(Met-Gln27-Ala349) fused with DDK tag at C-terminal was expressed in Sf9 cells.                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | Sf9 Cells                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | -27 a.a.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | The protein encoded by this gene is a mitogen that is secreted by vascular endothelial cells. The encoded protein plays a role in chondrocyte proliferation and differentiation, cell adhesion in many cell types, and is related to platelet-derived growth factor. Certain polymorphisms in this gene have been linked with a higher incidence of systemic sclerosis. |
| <b>Form</b>             | 50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol. Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                      |
| <b>Molecular Mass</b>   | 35.4 kDa                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                        |

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**GENE INFORMATION**

|                        |                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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                                                                                                                                                                                                                               |

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