

# Recombinant Full Length Human CTGF Protein, GST-tagged

Cat. No. CTGF-2277HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CTGF full-length ORF (NP_001892.1, 31 a.a. - 251 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	251 amino acids
<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. [provided by RefSeq, Nov 2009]
<b>Molecular Mass</b>	49.94 kDa
<b>AA Sequence</b>	GPCRCPDEPAPRCPAGVSLVLDGCGCCRVCAKQLGELCTERDPCDPHKGLFCDFG SPANRKIGVCTAKDGAPCIFGGTVYRSGESFQSSCKYQCTCLDGAVGCMPLCSMD VRLPSPDCPFPRRVKLPGKCCEEWVCDEPKDQTVVGPALAAAYRLEDTFGPDPTMIR ANCLVQTTEWSACSKTCGMGISTRVTNDNASCRLEKQSRLCMVRPCEADLEENIK
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CTGF <a href="#">connective tissue growth factor [ Homo sapiens ]</a>
<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>	<a href="#">NM_001901</a>
<b>Protein Refseq</b>	<a href="#">NP_001892</a>
<b>MIM</b>	121009
<b>UniProt ID</b>	<a href="#">P29279</a>

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