

Recombinant Full Length Human CTGF Protein, GST-tagged

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

SPECIFICATION

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

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Protein Array

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

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	P29279