



# Human CTGF blocking peptide (DAG-P1452)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen 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>Specificity</b>	Expressed in bone marrow and thymic cells. Also expressed one of two Wilms tumors tested.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Sequence Similarities</b>	Belongs to the CCN family. Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 1 IGFBP N-terminal domain. Contains 1 TSP type-1 domain. Contains 1 VWFC domain.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CTGF connective tissue growth factor [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CTGF
<b>Synonyms</b>	CTGF; connective tissue growth factor; CCN2; NOV2; HCS24; 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;

<b>Entrez Gene ID</b>	<a href="#">1490</a>
<b>mRNA Refseq</b>	<a href="#">NM_001901.2</a>
<b>Protein Refseq</b>	<a href="#">NP_001892.1</a>
<b>UniProt ID</b>	P29279
<b>Chromosome Location</b>	6q23.1
<b>Pathway</b>	Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Hippo signaling pathway, organism-specific biosystem; Hippo signaling pathway, conserved biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPARA Activates Gene Expression, organism-specific biosystem; Regulation of Lipid Metabolism by Per
<b>Function</b>	fibronectin binding; growth factor activity; heparin binding; insulin-like growth factor binding; integrin binding; protein binding;