

## Product datasheet for **TP723060**

### CCN2 (NM\_001901) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human connective tissue growth factor (CTGF).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	GKKCIRTPKI SKPIKFELSG CTSMKTYRAK FCGVCTDGRC CTPHRTTTLTP VEFKCPDGEV MKKNMMFIKT CACHYNCPGD NDIFESLYYR KMYGDMA
Tag:	Tag Free
Predicted MW:	11 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 $\mu$ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by the dose-dependent stimulation of the proliferation of HUVEC cells. The expected ED50 for this effect is 1.0-2.0 ug/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/ $\mu$ g of protein (< 1 EU/ $\mu$ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001892</a>
Locus ID:	1490
UniProt ID:	<a href="#">P29279</a> , <a href="#">Q5M8T4</a>
RefSeq Size:	2358
Cytogenetics:	6q23.2
RefSeq ORF:	1047
Synonyms:	CTGF; HCS24; IGFBP8; NOV2



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**Summary:**

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]

**Protein Families:**

Druggable Genome, Secreted Protein

**Product images:**