CCN2/CTGF Protein, Mouse (GST)

Cat. No.:	HY-P72154
Synonyms:	CCN 2; CCN family member 2; CCN2; Connective tissue growth factor; Ctgf; CTGF_HUMAN; Hcs 24; Hcs24; Hypertrophic chondrocyte-specific protein 24; IBP-8; IGF-binding protein 8; IGFBP-8; IGFBP8; MGC102839; NOV 2; NOV2
Species:	Mouse
Source:	E. coli
Accession:	P29268 (Q26-Y344)
Gene ID:	14219
Molecular Weight:	Approximately 62 kDa

PROPERTIES

AA Sequence	Q D C S A Q C Q C A A E A A P H C P A G V S L V L D G C G C C R V C A K Q L G E L C T E R D P C D P H K G L F C D F G S P A N R K I G V C T A K D G A P C V F G G S V Y R S G E S F Q S S C K Y Q C T C L D G A V G C V P L C S M D V R L P S P D C P F P R R V K L P G K C C E E W V C D E P K D R T A V G P A L A A Y R L E D T F G P D P T M M R A N C L V Q T T E W S A C S K T C G M G I S T R V T N D N T F C R L E K Q S R L C M V R P C E A D L E E N I K K G K K C I R T P K I A K P V K F E L S G C T S V K T Y R A K F C G V C T D G R C C T P H R T T T L P V E F K C P D G E I M K K N M M F I K T C A C H Y N C P G D N D I F E S L Y Y R K M Y
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm solution of 10 mM Tris-HCl, 1 mM EDTA, 6% Trehalose, pH 8.0 or PBS, 6% Trehalose, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	CCN2/CTGF protein, a major connective tissue mitoattractant, is secreted by vascular endothelial cells. It plays a crucial role in promoting the proliferation and differentiation of chondrocytes. Additionally, CCN2/CTGF mediates heparin- and divalent cation-dependent cell adhesion in various cell types, including fibroblasts, myofibroblasts, endothelial cells, and epithelial cells. Furthermore, it enhances fibroblast growth factor-induced DNA synthesis. CCN2/CTGF exists as a monomer and interacts with TSKU.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA