

AR51814PU-S

Human CTGF (27-349, His-tag) - Purified

Alternate names:

CCN family member 2, CCN2, Connective tissue growth factor, HCS24, Hypertrophic chondrocyte-specific protein 24, IBP8, IGF-binding protein 8, IGFBP8, Insulin-like growth factor-binding protein 8

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by BCA assay)

Background:

CTGF, also known as CCN2 or connective tissue growth factor, is a matricellular protein of the CCN family of extracellular matrix-associated heparin-binding proteins (see also CCN intercellular signaling protein). CTGF has important roles in many biological processes, including cell adhesion, migration, proliferation, angiogenesis, skeletal development, and tissue wound repair, and is critically involved in fibrotic disease and several forms of cancers. Recombinant human CTGF, fused to His-tag at N-terminus, was expressed in E.coli

Uniprot ID:

[P29279](#)

NCBI:

[NP_001892](#)

GenelD:

[1490](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol.

Description:

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MQNCSGPCRC PDEPAPRCPA GVSLVLDGCG CCRVCAKQLG
ELCTERDPCD PHKGLFCDFG SPANRKIGVC TAKDGAPCIF GGTVYRSGES FQSSCKYQCT
CLDGAVGCMP LCSMDVRLPS PDCPFPRRVK LPGKCCEEWV CDEPKDQTVV GPALAAAYRLE
DTFGPDPTMI RANCLVQTTE WSACSKTCGM GISTRVTNDN ASCRLEKQSR LCMVRPCEAD
LEENIKKGKK CIRTPKISKP IKFELSGCTS MKTYRAKFCG VCTDGRCCPT HRTTTLPEVF
KCPDGEVMKK NMMFIKTCAC HYNCPGDNDI FESLYYRKMV GDMA

Molecular weight: 37.7 kDa (344aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Jun JL., et al. (2011) Nat Rev Drug Discov, 10 (12): 945–63

Pictures:

