

CTGF, 27-349aa, Human, His tag, E.coli

Cat.NO.: TP01765

3th Edition

Synonyms:Connective tissue growth factor, CCN2, NOV2, HCS24, IGFBP8

Description: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

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

Molecular Weight:37.7kDa (344aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMQNCSGPCRCPPDEPAPRCPAGVSLVLDGCGCCRVCAKQLGELCTERDPCDPH
KGLFCDFGSPANRKIGVCTAKDGAPCIFGGTVYRSGESFQSSCKYQCTCLDGAVGCMPLCSMDVRLPSPDCPFPR
RVKLPGKCCEEWVCDEPKDQTVVGPALAAAYRLEDTFGPDPTMIRANCLVQTTEWSACSKTCGMGISTRVTNDNAS
CRLEKQSRLCMVRPCEADLEENIKGKKCIRTPKISKPIKFELSGCTSMKTYRAKFCGVCTDGRCCTPHRTTTLPVE
FKCPDGEVMKKNMMFIKTCACHYNCPGDNDIFESLYYRKMVYGDMA

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by BCA assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.