

Connective Tissue Growth Factor (CTGF) Recombinant Protein | CTGF recombinant protein

Recombinant Connective Tissue Growth Factor (CTGF)

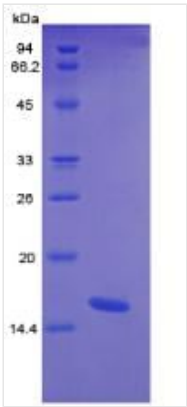
CATALOG #	HOST	APPLICATIONS
AAA134101	E Coli	Immunoprecipitation, ELISA, Western Blot, SDS-Page

PRODUCT SYNONYMS

Connective Tissue Growth Factor (CTGF); Recombinant Connective Tissue Growth Factor (CTGF); CTGF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSGSEF-LF CHFGSPANRK IGVCTAKDGA PCIFGGTVYR SGESFQSSCK YQCTCLDGAV GCMPLCSMDV RLPSPDCFPF RRVKLP GKCC EEWCDEPKD QTVVGPALAA YRLEDTFGPD PTMIRANCL
Sequence Length	349
Applicable Applications for CTGF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Leu80~Leu200 (Accession # P29279) with N-terminal His-Tag
Endotoxin Level	<1.0 EU per 1 µg (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

L FCHFGSPANR KIGVCTAKDG
APCIFGGTVY RSGESFQSSC KYQCTCLDGA VGCMLCSMD VRLPSPDCPF
PRRVKLPKGC CEEWVCDEPK DQTVVGALA AYRLEDTFGP DPTMIRANCL

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503123
NCBI GeneID	1490
NCBI Accession #	NP_001892.1
NCBI GenBank Nucleotide #	NM_001901.2
UniProt Accession #	P29279; Q6LCY0; Q96A79; Q96QX2; Q9UDL6; E1P578
Molecular Weight	14.6kDa
NCBI Official Full Name	connective tissue growth factor
NCBI Official Synonym Full Names	connective tissue growth factor
NCBI Official Symbol	CTGF
NCBI Official Synonym Symbols	CCN2; NOV2; HCS24; IGFBP8
NCBI Protein Information	connective tissue growth factor; IBP-8; IGFBP-8; CCN family member 2; IGF-binding protein 8; hypertrophic chondrocyte-specific protein 24; insulin-like growth factor-binding protein 8
UniProt Protein Name	Connective tissue growth factor
UniProt Gene Name	CTGF
UniProt Synonym Gene Names	CCN2; HCS24; IGFBP8; IBP-8; IGF-binding protein 8; IGFBP-8
UniProt Entry Name	CTGF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.