

Connective tissue growth factor (Ctgf) Recombinant Protein | Ctgf recombinant protein

Recombinant Mouse Connective tissue growth factor (Ctgf), partial

CATALOG # AAA18477	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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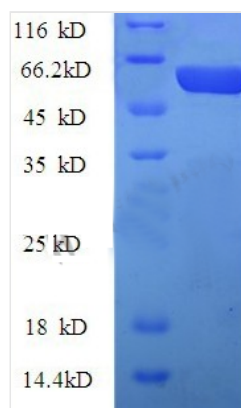
PRODUCT SYNONYMS

Connective tissue growth factor (Ctgf); Recombinant Mouse Connective tissue growth factor (Ctgf); partial; CCN family member 2; Hypertrophic chondrocyte-specific protein 24; Protein FISP-12; Ctgf recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	26-344aa; Partial
Sequence	QDCSAQCQCA AEAAPHCPAG VSLVLDGCGC CRVCAKQLGE LCTERDPCDP HKGLFCDFGS PANRKIGVCT AKDGAPCVFG GSVYRSGESF QSSCKYQCTC LDGAVGCVPL CSMDVRLPSP DCPFPRRVKL PGKCCEEWVC DEPKDRTAVG PALAAYRLED TFGPDPTMMR ANCLVQTTEW SACSKTCGMG ISTRVTNDNT FCRLEKQSRL CMVRPCEADL EENIKKGKKC IRTPKIAKPV KFELSGCTSV KTYRAKFCGV CTDGRCCTPH RTTTLPVEFK CPDGEIMKKK MMFIKTCACH YNCPGDNDIF ESLYYRKMY
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Ctgf recombinant protein	Major connective tissue mitogen secreted by vascular endothelial cells. Promotes proliferation and differentiation of chondrocytes. Mediates heparin- and divalent cation-dependent cell adhesion in many cell types including fibroblasts, myofibroblasts, endothelial and epithelial cells. Enhances fibroblast growth factor-induced DNA synthesis.
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References	Structure, mapping, and expression of fisp-12, a growth factor-inducible gene encoding a secreted cysteine-rich protein.Ryseck R.-P., Macdonald-Bravo H., Mattei M.-G., Bravo R.Cell Growth Differ. 2:225-233(1991) Identification of a gene family regulated by transforming growth factor-beta.Brunner A., Chinn J., Neubauer M.G., Purchio A.F.DNA Cell Biol. 10:293-300(1991) Lineage-specific biology revealed by a finished genome assembly of the mouse.Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S., Teague B., Potamouis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009) Mural R.J., Adams M.D., Myers E.W., Smith H.O., Venter J.C. Cyr61 and Fisp12 are both ECM-associated signaling molecules activities, metabolism, and localization during development.Kireeva M.L., Latinkic B.V., Kolesnikova T.V., Chen C.-C., Yang G.P., Abler A.S., Lau L.F.Exp. Cell Res. 233:63-77(1997) Fisp12/mouse connective tissue growth factor mediates endothelial cell adhesion and migration through integrin alphavbeta3, promotes endothelial cell survival, and induces angiogenesis in vivo.Babic A.M., Chen C.-C., Lau L.F.Mol. Cell. Biol. 19:2958-2966(1999)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	171846283
NCBI GeneID	14219
NCBI Accession #	NP_034347.2
NCBI GenBank Nucleotide #	NM_010217.2
UniProt Accession #	P29268; Q922U0; G5E830
Molecular Weight	53.5 kDa
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; Hcs24; Fisp12; fisp-12
NCBI Protein Information	connective tissue growth factor
UniProt Protein Name	Connective tissue growth factor
UniProt Gene Name	Ctgf
UniProt Synonym Gene Names	Ccn2; Fisp-12; Fisp12; Hcs24
UniProt Entry Name	CTGF_MOUSE

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.