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

Recombinant Connective Tissue Growth Factor (CTGF)

CATALOG #	HOST	APPLICATIONS
AAA134037	**E Coli**	**Immunoprecipitation, ELISA, Western Blot, SDS-Page**

PRODUCT SYNONYMS

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

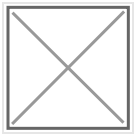
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSGSEF-QD CSAQCQCAAE AAPRCPAGVS LVLDGCGCCR VCAKQLGELC TERDPCDPHK GLFCDFGSPA NRKIGVCTAK DGAPCVFGGS VYRSGESFQS SCKYQCTCLD GAVGCVPLCS MDVRLPSPDC PFPRRVKLPG KCCEEWVCDE PKDRTVVGPA LAAYRLEDTF GPDPTMMRAN CLVQTTEWSA CSKTCGMGIS TRVTNDNTFC RLEKQSRLCM VRPCEADLEE NIKKGKKCIR TPKIAKPVKF ELSGCTSVKT YRAKFCGVCT DGRCCTPHRT TTLPVEFKCP DGEIMKKNMM FIKTCACHYN CPGDNDIFES LYYRKMYGDM A
Sequence Length	347
Applicable Applications for CTGF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Gln25~Ala348 (Accession # Q9R1E9) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (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 targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES

Application Data

SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	11560085
NCBI GeneID	64032
NCBI Accession #	NP_071602.1
NCBI GenBank Nucleotide #	NM_022266.2
UniProt Accession #	Q9R1E9; Q53YJ0; Q9WVS1
Molecular Weight	36.9kDa
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	CTGRP
NCBI Protein Information	connective tissue growth factor; CCN family member 2; connective tissue growth-related protein
UniProt Protein Name	Connective tissue growth factor
UniProt Gene Name	**Ctgf**
UniProt Synonym Gene Names	Ccn2
UniProt Entry Name	CTGF_RAT

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.

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Online datasheet: https://stage.aaabiotech.com/ctgf-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134037