



# Recombinant Rat Connective tissue growth factor (Ctgf)

<b>Product Code</b>	CSB-EP006147RA-B
<b>Abbreviation</b>	Ctgf
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9R1E9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	QDCSAQ CQCAAEAAPR CPAGVSLVLD GCGCCRVCAK QLGELCTERD PCDPHKGLFC DFGSPANRKI GVCTAKDGAP CVFGGSVYRS GESFQSSCKY QCTCLDGAVG CVPLCSMDVR LPSPDCPFPR RVKLPGKCC EWVCDEPKDR TVVGPALAAAY RLEDTFGPDP TMMRANCLVQ TTEWSACSKT CGMGISTRVT NDNTFCRLEK QSRLCMVRPC EADLEENIKK GKKCIRTPKI AKPVKFELSG CTSVKTYRAK FCGVCTDGRC CTPHRTTTL PVEFKCPDGEI MKKNMMFIKT CACHYNCPGD NDIFESLYYR KMYGDMA
<b>Source</b>	E.coli
<b>Target Names</b>	Ctgf
<b>Protein Names</b>	Recommended name: Connective tissue growth factor Alternative name(s): CCN family member 2 Connective tissue growth-related protein
<b>Expression Region</b>	25-347
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein is a mitogen that is secreted by vascular endothelial cells. The encoded protein plays a role in chondrocyte proliferation and differentiation, cell adhesion in many cell types, and is related to platelet-derived growth factor. Certain polymorphisms in this gene have been linked with a higher incidence of systemic sclerosis.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

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