

Recombinant Mouse Ctgf protein, His-tagged

Cat. No. Ctgf-541M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ctgf (P29268) aa. (Leu245~Asp346) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu245~Asp346
Form	Freeze-dried powder
Molecular Mass	15kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Characteristic	The isoelectric point is 8.9.
Applications	Positive Control; Immunogen; SDS-PAGE; WB
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

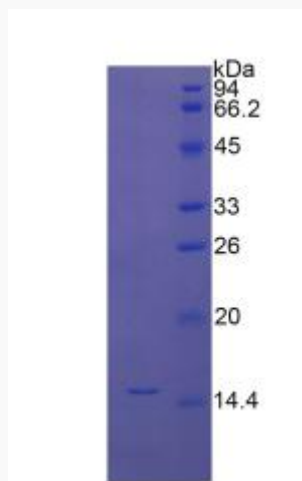
GENE INFORMATION

Gene Name	Ctgf connective tissue growth factor [<i>Mus musculus</i> (house mouse)]
Official Symbol	Ctgf
Synonyms	Ctgf; connective tissue growth factor; Ccn2; Hcs24; Fisp12; fisp-12; CCN family member 2; fibroblast inducible secreted protein; Connective tissue growth factor precursor (CTGF) (FISP-12 protein) (Hypertrophic chondrocyte-specific protein 24); fibroblast inducible secreted protein; hypertrophic chondrocyte-specific gene product 24; hypertrophic chondrocyte-specific protein 24
Gene ID	14219
mRNA Refseq	NM_010217.2
Protein Refseq	NP_034347.2
UniProt ID	P29268

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SDS-PAGE

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