

Recombinant Cattle CTGF protein, His & T7-tagged

Cat. No. CTGF-538C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle CTGF (O18739) aa. (Ala101~Pro330) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Ala101~Pro330
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 8.6.
Applications	SDS-PAGE; WB; ELISA; IP.
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.
Storage buffer	PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

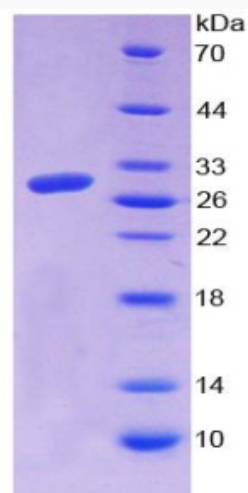
Gene Name	CTGF connective tissue growth factor [Bos taurus (cattle)]
Official Symbol	CTGF
Synonyms	CTGF; connective tissue growth factor; CCN family member 2
Gene ID	281103
mRNA Refseq	NM_174030.2
Protein Refseq	NP_776455.1
UniProt ID	O18739

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SDS-PAGE



15% SDS-PAGE

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