

Recombinant Cattle LEP protein, His & T7-tagged

Cat. No. LEP-672C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle LEP aa. (Asp29~Gln160 (Accession # P50595)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Asp29~Gln160
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.2.
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	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

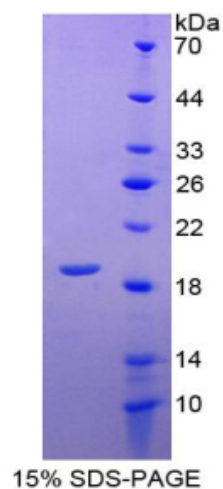
Gene Name	LEP leptin [Bos taurus (cattle)]
Official Symbol	LEP
Synonyms	ob; leptin (obesity homolog, mouse); obese; obesity factor; truncated leptin; leptin
Gene ID	280836
mRNA Refseq	NM_173928.2
Protein Refseq	NP_776353.2
UniProt ID	P50595

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SDS-PAGE



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