

Recombinant Cattle ACAN protein, His & T7-tagged

Cat. No. ACAN-1955C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle ACAN aa. (Glu2066~Arg2316 (Accession # P13608)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Glu2066~Arg2316
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 5.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

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, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

ACAN aggrecan [*Bos taurus* (cattle)]

Official Symbol

ACAN

Synonyms

HLF; Hif2a; HIF2 alpha; HIF-2 alpha; EPAS-1; HIF-2-alpha; HIF2-alpha; hypoxia inducible factor 2, alpha subunit; hypoxia inducible factor 2a; hypoxia-inducible factor 2-alpha; endothelial PAS domain-containing protein 1

Gene ID

280985

mRNA Refseq

NM_173981.2

Protein Refseq

NP_776406.1

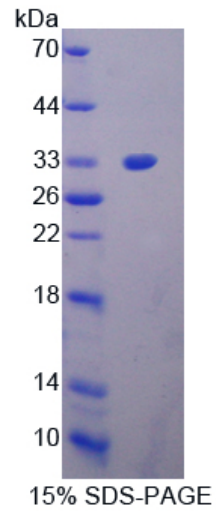
UniProt ID

P13608

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SDS-PAGE

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