

Recombinant Cattle LGALS8 Protein, His-tagged

Cat. No. LGALS8-1090C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle LGALS8 Protein () with His tag was expressed in E. coli.
Species	Cattle
Source	E.coli
Description	This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.8 kDa; Accurate Molecular Mass: 41 kDa
Purity	> 90%
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 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 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

LGALS8 galectin 8 [*Bos taurus* (cattle)]

Official Symbol

LGALS8

Synonyms

LGALS8; galectin 8; galectin-8; lectin, galactoside-binding, soluble, 8 (galectin 8)

Gene ID

506977

mRNA Refseq

NM_001045954

Protein Refseq

NP_001039419

UniProt ID

Q2YDD7

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