

Recombinant Cattle FABP4 Protein, His-tagged

Cat. No. FABP4-916C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle FABP4 Protein (Cys2-Ala132) with His tag was expressed in E. coli.
Species	Cattle
Source	E.coli
ProteinLength	Cys2-Ala132
Description	FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.2 kDa; Accurate Molecular Mass: 18 kDa
Purity	> 97%
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 PBS or others.

GENE INFORMATION

Gene Name

FABP4 fatty acid binding protein 4, adipocyte [*Bos taurus* (cattle)]

Official Symbol

FABP4

Synonyms

FABP4; fatty acid binding protein 4, adipocyte; fatty acid-binding protein, adipocyte; A FABP; aP2; fatty acid-binding protein 4; adipocyte lipid-binding protein; adipocyte-type fatty acid-binding protein; ALBP; AFABP; A-FABP;

Gene ID

281759

mRNA Refseq

NM_174314

Protein Refseq

NP_776739

UniProt ID

P48035

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