

Recombinant Cattle FABP6 Protein, His&GST-tagged

Cat. No. FABP6-919C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle FABP6 Protein (Ala2-Ala128) with His&GST tag was expressed in E. coli.
Species	Cattle
Source	E.coli
ProteinLength	Ala2-Ala128
Description	This gene encodes the ileal fatty acid binding protein. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP6 and FABP1 (the liver fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. Transcript variants generated by alternate transcription promoters and/or alternate splicing have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 44.3 kDa; Accurate Molecular Mass: 44 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

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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 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

FABP6 fatty acid binding protein 6 [Bos taurus (cattle)]

Official Symbol

FABP6

Synonyms

FABP6; fatty acid binding protein 6; gastrotropin; GT; ILBP; ileal lipid-binding protein

Gene ID

514650

mRNA Refseq

NM_001075675

Protein Refseq

NP_001069143

UniProt ID

Q3T0Z2

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