

Recombinant Cattle FABP1 protein, His-tagged

Cat. No. FABP1-7124C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle FABP1 aa. (Met1~Ile127 (Accession# P80425)) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Met1~Ile127
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.9.
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 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

FABP1 fatty acid binding protein 1 [*Bos taurus* (cattle)]

Official Symbol

FABP1

Synonyms

FABP1; fatty acid-binding protein, liver; L-FABP; fatty acid binding protein 1, liver; liver-type fatty acid-binding protein

Gene ID

327700

mRNA Refseq

NM_175817.3

Protein Refseq

NP_787011.1

UniProt ID

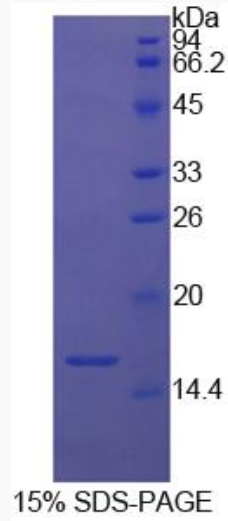
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SDS-PAGE



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