

Recombinant Cattle FABP2 protein, His & T7-tagged

Cat. No. FABP2-2805C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle FABP2 aa. (Ala2~Ile128 (Accession # Q56JX9)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Ala2~Ile128
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP.
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°C 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 ddH ₂ O.

GENE INFORMATION

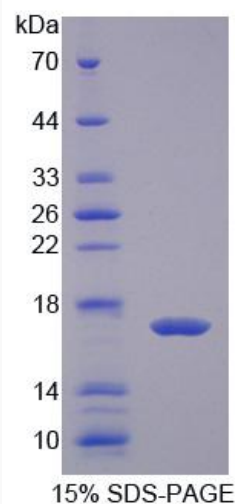
Gene Name	FABP2 fatty acid binding protein 2, intestinal [Bos taurus (cattle)]
Official Symbol	FABP2
Synonyms	FABPI; I-FABP; fatty acid-binding protein 2; intestinal-type fatty acid-binding protein; fatty acid-binding protein, intestinal
Gene ID	515768
mRNA Refseq	NM_001025332.1
Protein Refseq	NP_001020503.1
UniProt ID	Q56JX9

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SDS-PAGE



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