

Recombinant Pig FABP2 protein, His & T7-tagged

Cat. No. FABP2-2807P Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Pig FABP2 aa. (Asp4~Phe129 (Accession # Q45KW7)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Asp4~Phe129
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.5.
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.

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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 FABP2 fatty acid binding protein 2 [*Sus scrofa* (pig)]

Official Symbol FABP2

Synonyms I-FABP; intestinal fatty acid binding protein; intestinal-type fatty acid-binding protein; fatty acid-binding protein, intestinal

Gene ID 595106

mRNA Refseq NM_001031780.1

Protein Refseq NP_001026950.1

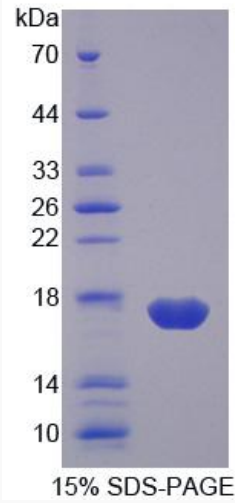
UniProt ID Q45KW7

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SDS-PAGE



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