

Recombinant Pig FABP5 protein, His & T7-tagged

Cat. No. FABP5-2064P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig FABP5 aa. (Met1~Glu132 (Accession # Q2EN74)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Met1~Glu132
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.
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

 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

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 PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

FABP5 fatty acid binding protein 5 [*Sus scrofa* (pig)]

Official Symbol

FABP5

Synonyms

Coasy; Coenzyme A synthase; Dpck; Ppat; Ukr1; 1300003G02Rik; bifunctional coenzyme A synthase; 4'-phosphopantetheine adenyltransferase and dephospho-CoA kinase; CoA synthase

Gene ID

574074

mRNA Refseq

NM_001039746.2

Protein Refseq

NP_001034835.1

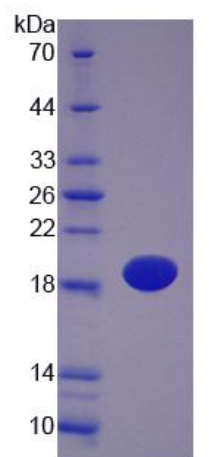
UniProt ID

Q2EN74

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SDS-PAGE

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