

Recombinant Pig FABP4 protein, His & GST-tagged

Cat. No. FABP4-1810P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig FABP4 aa. (Cys2~Ala132 (Accession # O97788)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Cys2~Ala132
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 46.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
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 PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

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

GENE INFORMATION

Gene Name

FABP4 fatty acid binding protein 4, adipocyte [*Sus scrofa* (pig)]

Official Symbol

FABP4

Synonyms

FABP4; AP2; ALBP; AFABP; FABP3; A-FABP; fatty acid-binding protein, adipocyte; adipocyte lipid-binding protein; adipocyte-type fatty acid-binding protein; fatty acid-binding protein 4

Gene ID

399533

mRNA Refseq

NM_001002817.1

Protein Refseq

NP_001002817.1

UniProt ID

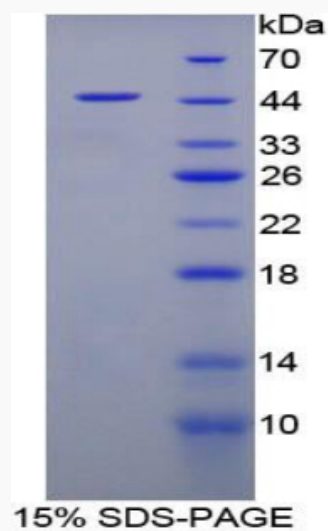
O97788

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SDS-PAGE



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