

Recombinant Rat Fabp5 protein, His-tagged

Cat. No. Fabp5-2065R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fabp5 aa. (Met1~Gln135 (Accession # P55053)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Gln135
Form	Freeze-dried powder
Molecular Mass	16 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.1.
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 liquid form in Phosphate buffered saline(PBS), pH 7.4.

Reconstitution

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

GENE INFORMATION

Gene Name

[Fabp5 fatty acid binding protein 5, epidermal \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Fabp5](#)

Synonyms

ACSM1; acyl-CoA synthetase medium chain family member 1; BUCS1; MACS1; acyl-coenzyme A synthetase ACSM1, mitochondrial; Butyrate CoA ligase; butyrate--CoA ligase 1; butyryl Coenzyme A synthetase 1; butyryl-coenzyme A synthetase 1; lipoate-activating enzyme; medium-chain acyl-CoA synthetase; middle-chain acyl-CoA synthetase 1

Gene ID

[140868](#)

mRNA Refseq

[NM_145878.1](#)

Protein Refseq

[NP_665885.1](#)

UniProt ID

[P55053](#)

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