

Recombinant Rat Fabp4 protein, His & T7-tagged

Cat. No. Fabp4-1811R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fabp4 aa. (Cys2~Ala132 (Accession # P70623)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Cys2~Ala132
Description	Intracellular lipid-binding protein; mediates fatty acid trafficking during lipolysis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.9.
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

 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

at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the 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 [Rattus norvegicus (Norway rat)]
Official Symbol	Fabp4
Synonyms	Fabp4; fatty acid binding protein 4; aP2; Albp; fatty acid-binding protein, adipocyte; A-FABP; AFABP; adipocyte lipid-binding protein; adipocyte-type fatty acid-binding protein; fatty acid binding protein 4, adipocyte
Gene ID	79451
mRNA Refseq	NM_053365.1
Protein Refseq	NP_445817.1
UniProt ID	P70623

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