

Datasheet for ABIN934989
FABP5 Protein (AA 1-135)



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1 Image

Overview

Quantity:	100 µg
Target:	FABP5
Protein Characteristics:	AA 1-135
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MATVQQLEGR WRLVDSKGF D EYMKELGVGI ALRKM GAMAK PDCIITCDGK NLTIKTESTL KTTQFSCTLG EKFEETTADG RKTQTVCNFT DGALVQH QEW DGKESTITRK LKDGKLVVEC VMNNVTCTRI YEKVE
Characteristics:	Purified recombinant Human FABP5 protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 90 % pure

Target Details

Target:	FABP5
Alternative Name:	FABP5 (FABP5 Products)
Background:	FABP5 is a member of the intracellular fatty acid binding protein (FABP) family, which is known

Target Details

for the ability to specifically bind fatty acids (FAs) with high affinity for stearic and linoleic acids. FABP5 is expressed in endothelial cells of the microvasculature of the placenta, heart, skeletal muscle, small intestine, lung, and renal medulla. FABP4 and FABP5 are closely related and both are expressed in adipocytes. Absence of FABP5 resulted in increased systemic insulin sensitivity in two models of obesity and insulin resistance. Recombinant human FABP5 was expressed in *E. coli* and purified by conventional chromatography.

Alternative Names: FABP5 protein, fatty acid binding protein 5 (psoriasis-associated) protein, FABP-5 protein, PAFABP protein, FABP 5 protein, FABP 5, Fatty acid binding protein 5 protein, EFABP protein, Fatty acid binding protein 5 protein, E-FABP protein, FABP-5, Fatty acid-binding protein epidermal protein, , FABP5, PA-FABP protein

Molecular Weight: 15 kDa (135 AA)

Application Details

Application Notes: FABP5 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris, pH 8.0, containing 0 mM DTT, and 20 % glycerol.

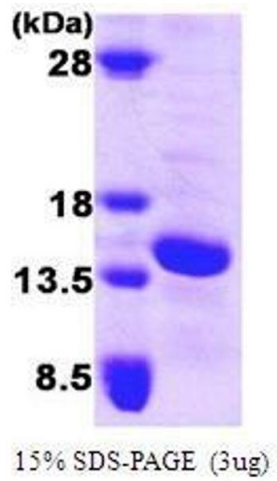
Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.