

Datasheet for ABIN934982  
**FABP4 Protein (AA 1-132)**



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1 Image

## Overview

Quantity:	100 µg
Target:	FABP4
Protein Characteristics:	AA 1-132
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MCDAFVGTWK LVSSSENFDDY MKEVGVGFAT RKVAGMAKPN MIISVNGDVI TIKSESTFKN TEISFILGQE FDEVTADDRK VKSTITLDGG VLVHVQKWDG KSTTIKRKRE DDKLVVECVM KGVTSTRVYE RA
Characteristics:	Purified recombinant Human FABP4 protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure

## Target Details

Target:	FABP4
Alternative Name:	FABP4 ( <a href="#">FABP4 Products</a> )
Background:	IL-1 consists of two distinct forms, IL-1 alpha and IL-1 beta which perform the same functions

## Target Details

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but are distinct proteins. IL-1 alpha is a pleiotropic cytokine involved in various immune responses, inflammatory processes, and hematopoiesis. This cytokine is also temporarily upregulated during bone formation and the menstrual cycle and can be induced in response to nervous system stimulation. Recombinant IL-1a protein was expressed in E. coli and purified by using conventional chromatography techniques.

Alternative Names: fatty acid binding protein 4 adipocyte protein, IL-1 alpha protein, Fatty acid binding protein 4 protein, ALBP protein, aP2, FABP 4, adipocyte protein, Hematopoietin-1 protein, Fatty acid-binding protein protein, FABP-4, FABP 4 protein, FABP-4 protein, FABP4 protein, A-FABP protein, FABP4

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Molecular Weight: 14 kDa (132 AA)

Pathways: [Brown Fat Cell Differentiation](#)

## Application Details

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Application Notes: FABP4 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

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Format: Liquid

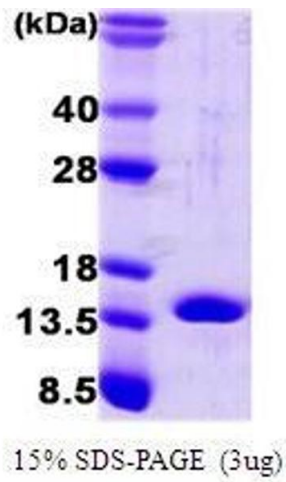
Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl, pH 7.5, containing 10 % glycerol.

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.