

## Datasheet for ABIN7539318 **FABP5 Protein (His tag)**



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### Overview

Quantity:	5 µg
Target:	FABP5
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FABP5 protein is labelled with His tag.

### Product Details

Purpose:	FABP5
Sequence:	MATVQQLEGR WRLVDSKGF D EYMKELGVGI ALRKM GAMAK PDCIITCDGK NLTIKTESTL KTTQFSCTLG EKFEETTADG RKTQTVCNFT DGALVQH QEW DGKESTITRK LKDGKLVVEC VMNNVTCTRI YEKVETRHHH HHH
Characteristics:	Length (aa):143
Purity:	> 98 % by SDS-PAGE and visualized by Coomassie stain

### Target Details

Target:	FABP5
Alternative Name:	FABP5 ( <a href="#">FABP5 Products</a> )
Background:	Epidermal-type fatty acid-binding protein, E-FABP, Fatty acid-binding protein 5, Psoriasis-associated fatty acid-binding protein homolog, PA-FABP, Human FABP5, also known as epidermal fatty acid binding protein (E-FABP), is a 15 kDa member of a cytosolic fatty acid

## Target Details

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binding protein superfamily. It is associated with keratinocytes and adipocytes and is suggested to promote fatty acid availability to enzymes, protect cell structures from fatty acid attack, and target fatty acids to nuclear transcription factors. The amino acid sequence of human FABP5 is 80 % , 81 % and 92 % identical to that of mouse, rat and bovine FABP5, respectively.

Molecular Weight:	16.1 kDa
Gene ID:	2171
NCBI Accession:	<a href="#">NM_001444</a> , <a href="#">NP_001435</a>
UniProt:	<a href="#">Q01469</a>

## Application Details

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Restrictions: For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Centrifuge vial prior to opening. Human FABP5 should be reconstituted in water to a concentration of 0.1 mg/mL. This solution can be diluted in water or other buffer solutions or stored at -20 °C.
Buffer:	PBS
Storage:	RT, 0 °C, -20 °C
Storage Comment:	The lyophilized human FABP5, though stable at room temperature, is best stored desiccated below 0°C. Reconstituted human FABP5 should be stored in working aliquots at -20°C.