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Datasheet for ABIN1000879

**FABP5 Protein (AA 1-135) (His tag)**

## Overview

Quantity:	10 µg
Target:	FABP5
Protein Characteristics:	AA 1-135
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FABP5 protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

## Product Details

Purpose:	Fatty Acid Binding Protein (Epidermal) (E-FABP) (Western Blot Control)
Sequence:	MATVQQLEGR WRLVDSKGF D EYMKELGVGI ALRKM GAMAK MATVQQLEGR WRLVDSKGF D EYMKELGVGI ALRKM GAMAK MATVQQLEGR WRLVDSKGF D EYMKELGVGI ALRKM GAMAK VMNNVTCTRI YEKVE
Characteristics:	recombinant E-FABP comprises a 135 amino acid fragment (1-135) corresponding to the human epidermal FABP protein and is expressed in E. coli with an amino-terminal hexahistidine tag.
Purity:	> 95 %

## Target Details

Target:	FABP5
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## Target Details

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Alternative Name: Fatty Acid Binding Protein (Epidermal) ([FABP5 Products](#))

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Background: Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins (14-15 kDa) that bind long chain fatty acids, their CoA derivatives, bilirubin, organic anions and other small hydrophobic molecules. E-FABP (or FABP-5) is thought work in conjunction with A-FABP to facilitate fatty acid efflux from adipocytes. E-FABP may also be involved in keratinocyte differentiation.,Fatty Acid Binding Protein, Epidermal, FABP-5, EFABP, Fatty Acid Binding Protein Psoriasis-Associated, PAFABP.

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Molecular Weight: 19.66 kDa

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UniProt: [Q01469](#)

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## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).

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Preservative: Dithiothreitol (DTT)

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

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Storage: -20 °C

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Storage Comment: Store at -20 °C

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