Datasheet for ABIN7319276

FABP5 Protein (His tag)

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Overview

Quantity:	50 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:	Recombinant Human FABP5 Protein (His Tag)
Sequence:	Ala2-Glu135
Characteristics:	Recombinant Human Fatty Acid-Binding Protein 5 is produced by our E.coli expression system and the target gene encoding Ala2-Glu135 is expressed with a 6His tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	FABP5
Alternative Name:	FABP5 (FABP5 Products)
Background:	Background: Fatty acid-binding protein 5 (FABP5) is a cytoplasm protein that belongs to the fatty-acid binding protein (FABP) family of calycin superfamily. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids. FABP5

Target Details

	can be expressed in keratinocytes, and is highly expressed in psoriatic skin. FABP5 has been shown to be involved in keratinocyte differentiation. FABP5 has high specificity for fatty acids, the highest affinity for C18 chain length. FABP5 can decrease the chain length or introduce double bonds to reduce the affinity. Synonym: Fatty Acid-Binding Protein Epidermal, Epidermal-Type Fatty Acid-Binding Protein, E-FABP, Fatty Acid-Binding Protein 5, Psoriasis-Associated Fatty Acid-Binding Protein Homolog, PA-FABP, FABP5
Molecular Weight:	17.3 kDa
UniProt:	Q01469

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.