Datasheet for ABIN2720669

FABP5 Protein (GST tag)

1 Image

Go to Product page

Overview

Quantity:	10 µg
Target:	FABP5
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FABP5 protein is labelled with GST tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human FABP5 protein expressed in E. coli. • Produced with end-sequenced ORF clone
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	< 0.1 EU per µg protein as determined by LAL test

Target Details

Target:	FABP5
Alternative Name:	Fabp5 (FABP5 Products)
Background:	This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism.

Target Details

	Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus.[provided by RefSeq, Feb 2011].
Molecular Weight:	17.3 kDa
NCBI Accession:	NP_001435

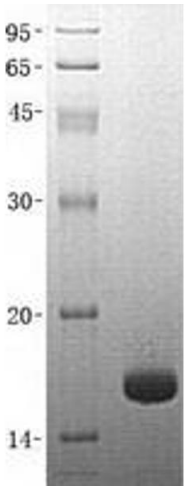
Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the N-terminal.
Restrictions:	For Research Use only

Handling

Buffer:	Lyophilized from a 0.2 μM filtered solution of 20 mM Phosphate buffer, 150 mM NaCl, pH 7.4. Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot

