

[Go to Product page](#)

Datasheet for ABIN5564471

FABP1 Protein (AA 1-127) (His tag)

Overview

Quantity:	50 µg
Target:	FABP1
Protein Characteristics:	AA 1-127
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FABP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Cross-Reactivity:	Human
Characteristics:	Human FABP1 (aa 1-127) is fused at the N-terminus to a His-tag.
Purity:	>90 % (SDS-PAGE)
Sterility:	0.2 µm filtered
Endotoxin Level:	<1EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	FABP1
Alternative Name:	FABP1 (FABP1 Products)
Background:	FABP1 is a fatty acid binding protein in adipocytes. Fatty acid binding proteins are a family of

Target Details

small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs regulate the fatty acid uptake, transport, and metabolism. FABP1 is required for cholesterol synthesis and metabolism.

Molecular Weight: ~16kDa (SDS-PAGE)

UniProt: [P07148](#)

Pathways: [Chromatin Binding](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: 0.2µm-filtered solution in 20 mM Tris-HCl, pH 8.

Storage: 4 °C,-20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 6 months after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

Expiry Date: 6 months