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Datasheet for ABIN7319615 **FABP6 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	FABP6
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FABP6 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human FABP6/I-BABP Protein (His Tag)
Sequence:	Met1-Ala128
Characteristics:	Recombinant Human FABP6 is produced by our E.coli expression system and the target gene encoding Met1-Ala128 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	FABP6
Alternative Name:	FABP6/I-BABP (FABP6 Products)
Background:	Background: Fatty Acid-Binding Protein 6 (FABP6) is cytoplasmic protein that binds long-chain fatty acids and other hydrophobic ligands which belongs to the calycin superfamily. FABP6 expression is restricted in the small intestine to the ileum where it is involved in the

Target Details

enterohepatic circulation of bile acids. FABP6 forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior. Isoform 2 is expressed in colorectal adenocarcinomas and their adjacent normal mucosa (at protein level). Isoform 1 is expressed in the jejunum, ileum, cecum and ascending colon intestine. FABP6 plays a role in fatty acid uptake, transport, and metabolism. FABP6 stimulates gastric acid and pepsinogen secretion. It seems to be able to bind to bile salts and bilirubins.

Synonym: Gastrotropin, GT, Fatty Acid-Binding Protein 6, Ileal Lipid-Binding Protein, ILBP, Intestinal 15 kDa Protein, I-15P, Intestinal Bile Acid-Binding Protein, I-BABP, FABP6, ILBP, ILLBP

Molecular Weight:	16.6 kDa
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UniProt:	P51161
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 0.5 mM DTT, 50 % Glycerol, pH 8.0.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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