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# Datasheet for ABIN7317356 FABP6 Protein



#### Overview

Quantity:	100 µg
Target:	FABP6
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

#### **Product Details**

Purpose:	Recombinant Human FABP6/I-BABP Protein
Sequence:	Met 1-Ala 128
Characteristics:	A DNA sequence encoding the human FABP6 (AAH22489.1) (Met 1-Ala 128) was expressed and purified.
Purity:	> 98 % as determined by reducing SDS-PAGE.

## Target Details

Target:	FABP6
Alternative Name:	FABP6/I-BABP (FABP6 Products)
Background:	Background: Gastrotropin, also known as Fatty acid-binding protein 6, Ileal lipid-binding protein,
	ILBP, Intestinal 15 kDa protein, Intestinal bile acid-binding protein, I-BABP and FABP6, is a
	cytoplasm protein which belongs to the calycin superfamily and Fatty-acid binding protein
	(FABP) family. Isoform 2 of FABP6 is expressed in colorectal adenocarcinomas and their
	adjacent normal mucosa (at protein level). Isoform 1 of FABP6 is expressed in the jejunum,

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## Target Details

	ileum, cecum and ascending colon intestine. Isoform 2 is expressed in the gallbladder,
	duodenum, jejunum, ileum, cecum, ascending, transverse and descending colon, sigmoid colon
	and rectum. FABP6 / I-BABP is a cancer-related protein that acts as an intracellular transporter
	of bile acid in the ileal epithelium. FABP6 / I-BABP may also play an important role in early
	carcinogenesis.
	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:	14.4 kDa
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.5
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.