



Recombinant Protein Technical Manual

Recombinant Human FABP6/I-BABP Protein

RPES2410

Product Data:

Product SKU: RPES2410

Size: 20µg

Species: Human

Expression host: E. coli

Uniprot: AAH22489.1

Protein Information:

Molecular Mass: 14.4 kDa

AP Molecular Mass: 14.4 kDa

Tag:

Bio-activity:

Purity: > 98 % as determined by reducing SDS-PAGE.

Endotoxin: Please contact us for more information.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from sterile PBS, pH 7.5

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Gastrotropin; GT; Fatty Acid-Binding Protein 6; Ileal Lipid-Binding Protein; ILBP; Intestinal 15 kDa Protein; I5P; Intestinal Bile Acid-Binding Protein; I-BABP; FABP6; ILBP; ILLBP

Immunogen Information:

Sequence: Met 1-Ala 128

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, 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.