OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200
Rockville, MD 20850
UNITED STATES
Phone: +1-888-267-4436
Fax: +1-301-340-8606
techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info-de@origene.com

AR09023PU-L Recombinant human FABP6, Isoform 2 (aa 1-128)

Alternate names: Fatty acid-binding protein 6, Gastrotropin, I-15P, I-BABP, ILBP, ILLBP, Ileal lipid-binding protein, Intestinal 15 kDa protein, Intestinal bile acid-binding protein

Quantity: 0.5 mg

Concentration: 1.0 mg/ml

Background: FABP-6 is a cytosolic protein that binds bile acids with a high affinity. In the small intestine, its expression is restricted to the ileum where it is involved in the enterohepatic circulation of bile acids. Alternate transcription promoters generate two transcript variants, encoding a 128 aa and a 177 aa residue protein. Human FABP6 isoform 2 contains 128 amino acid residues and is believed to be acetylated on Ala2. It binds both fatty acids and bile acids and has roles in fatty acid transport and metabolism.

Uniprot ID: P51161

NCBI: NP_001035532.1

GeneID: 2172

Species: Human

Source: E. coli

Format:
State: Liquid purified protein
Purity: ›95% ›/= 95% by SDS PAGE
Buffer System: PBS, pH 7.4, 10% glycerol

Description: Recombinant human FABP-6 was expressed in E.coli and purified by using conventional chromatography techniques.
AA Sequence:
MAFTGKFEME SEKNYDEFMK LLGISSDVIE KAHNFKIVTE VQQDGQDFTW SQHYYGGHTM TNKFTVGKES NIQTMGGKTF KATVQMEGGK LVVNFPNYHQ TSEIVGDKLV EVSTIGGVTY ERVSKRLA
Molecular weight: 14 kDa 14 kDa (128 aa)

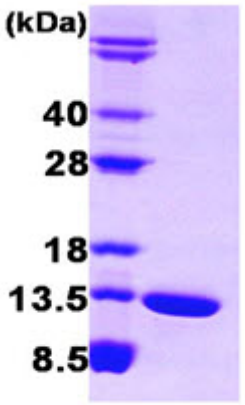
Add. Information: NCBI Accession No.: AAH22489

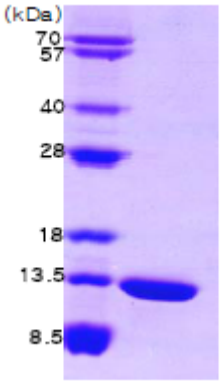
Storage: Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings: Ohmachi T., et al. (2006). Clin Cancer Res. Sep 1; 12(17):5090-5.

For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Pictures:



15% SDS-PAGE (3ug)

FABP6: 15% SDS-PAGE (3 µg)