

Recombinant Human FABP6 protein, MYC/DDK-tagged, C13/N15-labeled

Cat. No. FABP6-655H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FABP6 fused with MYC/DDK tag at C-terminal was expressed in HEK293 and labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine.
Species	Human
Source	HEK293
Description	This gene encodes the ileal fatty acid binding protein. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP6 and FABP1 (the liver fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. Transcript variants generated by alternate transcription promoters and/or alternate splicing have been found for this gene.
Form	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
Molecular Mass	14.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
Concentration	> 50 ug/ml as determined by BCA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	FABP6 fatty acid binding protein 6, ileal [Homo sapiens]
Official Symbol	FABP6
Synonyms	FABP6; fatty acid binding protein 6, ileal; gastrotropin; I 15P; I BABP; I BALB; I BAP; ILBP; ILBP3; ileal bile acid binding protein; ILLBP; illeal lipid binding protein; GT; intestinal 15 kDa protein; ileal lipid-binding protein; illeal lipid-binding protein; I-15P; I-BAP; I-BABP; I-BALB;
Gene ID	2172
mRNA Refseq	NM_001445
Protein Refseq	NP_001436
MIM	600422
UniProt ID	P51161
Chromosome Location	5q23-q35
Pathway	Bile acid and bile salt metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem; Recycling of bile acids and salts, organism-specific biosystem;
Function	lipid binding; transporter activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA