

FABP2, 1-132 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02073

3th Edition

Synonyms:Intestinal fatty acid binding protein 2, FABPI, I-FABP

Description:FABP2, also known as intestinal fatty acid binding protein 2 (I-FABP), is expressed in the epithelium of the small intestine by mature enterocytes. FABP2 is thought to facilitate of cellular uptake and transport of longchain fatty acids within enterocytes and may also help maintain energy homeostasis by functioning as a lipid sensor. This protein binds saturated long-chain fatty acid with a high affinity, but binds with a low affinity to unsaturated long-chain fatty acid

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight:17.3 kDa (152 aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMAFDSTWKVDRSENYDKFMEKMGVNIVKRKLAHDNLKLTITQEGNKFTVKES
AFRNIEVVFELGVTFNYNLADGTELRTWSLEGNKLIGKFKRTDNGNELNTVREIIGDELVQTYVYEGVEAKRIFKKD

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.