

Recombinant Human I-FABP protein ab84197

1 图像

描述

产品名称	重组人I-FABP蛋白
纯度	> 95 % SDS-PAGE. ab84197 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHH SSGLVPRGSH MAFDSTWKVD RSENYDKFME KMGVNIVKRRK LAAHDNLKLT ITQEGNKFTV KESSAFRNIE VVFELGVTFN YNLADGTELR GTWSLEGKLN IGKFKRTDNG NELNTVREII GDELVQTYVY EGVEAKRIFK KD

技术指标

Our **Abpromise guarantee** covers the use of **ab84197** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

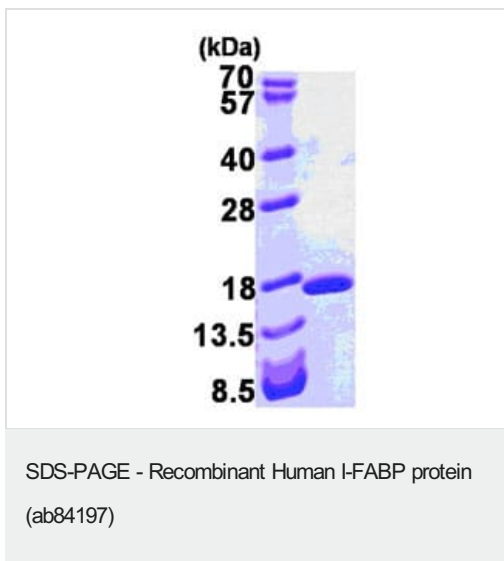
应用	SDS-PAGE
形式	Liquid
补充说明	Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method). Previously labelled as intestinal FABP.

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)
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功能	FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. FABP2 is probably involved in triglyceride-rich lipoprotein synthesis. Binds saturated long-chain fatty acids with a high affinity, but binds with a lower affinity to unsaturated long-chain fatty acids. FABP2 may also help maintain energy homeostasis by functioning as a lipid sensor.
组织特异性	Expressed in the small intestine and at much lower levels in the large intestine. Highest expression levels in the jejunum.
序列相似性	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
结构域	Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.
细胞定位	Cytoplasm.

图片



15% SDS-PAGE showing ab84197 at approximately 17.3kDa (3 μ g).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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