

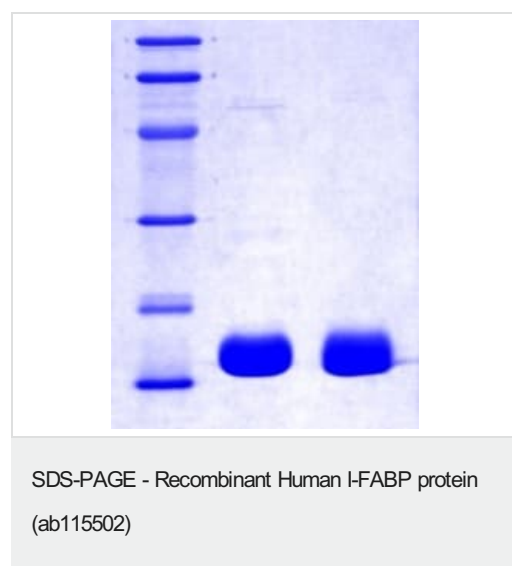
Recombinant Human I-FABP protein ab115502

1 图像

描述	
产品名称	重组人I-FABP蛋白
纯度	> 95 % SDS-PAGE. ab115502 is purified using Ni-NTA chromatography.
内毒素水平	< 1.000 Eu/μg
表达系统	Escherichia coli
Accession	<b><u>P12104</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MKHHHHHHASAFDSTWKVDRSENYDKFMEKMGVNIVKRKLAA HDNLKLTI TQEGNKFTVKESSAFRNIEVVFELGVTFNYNLADGTELRGTW SLEGNKLI GKFKRTDNGNELNTVREIIGDELVQTYVYEGVEAKRIFKKD
预测分子量	16 kDa including tags
氨基酸	2 to 131
标签	His tag N-Terminus
技术指标	
Our <b><u>Abpromise guarantee</u></b> covers the use of <b>ab115502</b> 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  Western blot  ELISA
形式	Lyophilized
补充说明	Previously labelled as intestinal FABP.
制备和贮存	

<b>稳定性和存储</b>	Shipped at 4°C. Store at -80°C.
	Constituents: 0.69% Phosphate Buffer, 0.29% Sodium chloride
<b>复溶</b>	Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.
<b>常规信息</b>	
<b>功能</b>	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.
<b>组织特异性</b>	Expressed in the small intestine and at much lower levels in the large intestine. Highest expression levels in the jejunum.
<b>序列相似性</b>	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
<b>结构域</b>	Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.
<b>细胞定位</b>	Cytoplasm.

## 图片



14% SDS-PAGE showing ab115502

Lane 1: M.W. marker – 14, 21, 31, 45, 66, 97 kDa

Lane 2: reduced and boiled sample, 5µg/lane.

Lane 3: non-reduced and non-boiled sample, 5µg/lane.

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

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