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FABP1, 1-127 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP02070

第三版

别名:Fatty acid binding protein 1, Fatty acid-binding protein, liver, FABPL, L-FABP

描述:FABP1 (Fatty acid binding protein1) encodes the fatty acid binding protein found in liver. FABP1 is composed of ten antiparallel strands that form a barrel with a bigger binding pocket than the other FABPs allowing it to accommodate two fatty acid. This protein binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm; it may be involved in intracellular lipid transport and metabolism. Recombinant human FABP1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 8.0)

分子量:16kDa (147aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSFSGKYQLQSQENFEAFMKAIGLPEELIQKGKDIKGVSEIVQNGKHFKFTITAGSKVIQ
NEFTVGECELETMTGEKVKTVVQLEGDNKLVTTFKNIKSVTELNGDIITNTMTLGDIVFKRISKRI

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by BCA assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.