

Recombinant rat FABP1/L-FABP protein

Catalog Number: ATGP3126

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-127aa

UniProt No.

P02692

NCBI Accession No.

NP_036688

Alternative Names

Fatty acid-binding protein liver, Fatty acid-binding protein, liver, Fabplg, L-FABP, p14, SCP, LFABP

PRODUCT SPECIFICATION

Molecular Weight

16.7 kDa (150aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Fabp1 also known as Fatty acid-binding protein. The Protein Binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm. Fabp1 may be involved in intracellular lipid transport. Recombinant rat Fabp1, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMNFSGKY QVQSQENFEP FMKAMGLPED LIQKGKDIKG VSEIVHEGKK VKLTITYGSK

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VIHNEFTLGE ECELETMTGE KVKAVVKMEG DNKMVTTFKG IKSVTENFGD TITNTMTLGD IVYKRVSKRI

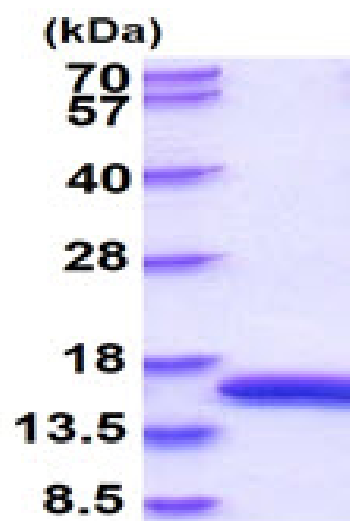
General References

McIntosh AL., et al. (2013) FEBS Lett. 587 (23), 3787-3791.

Lagakos WS., et al. (2011) J. Biol. Chem. 288 (27), 19805-19815.

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3 μ g)