Datasheet for ABIN2830487

FABP1 Protein

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Overview

Quantity:	100 µg
Target:	FABP1
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Functional Studies (Func)

Product Details

Sequence:	MNFSGKYQLQ SQENFEPFMK AIGLPEDLIQ KGKDIKGVSE IVHEGKKIKL TITYGPKVVR NEFTLGEECE LETMTGEKVK AVVKLEGDNK MVTTFKGIKS VTELNGDTIT NTMTLGDIVY KRVSKRI
Characteristics:	Biological Activity: Fully biologically active when compared to standard. The binding affinity of rMuFABP1 for the synthetic ligand cis-parinaric acid has been measured by fluorescence titration. Half maximal fluorescence of 2.5 µM rMuFABP1 is achieved with approximately 5 µM
Purity:	>95 % as determined by SDS-PAGE and HPLC.
Sterility:	0.2 µm filtered

Target Details

Target:	FABP1
Alternative Name:	Fabp1 (FABP1 Products)

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Target Details

Background:	Relevance: Binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm. May be involved in intracellular lipid transport. Also seems to bind selenium. Synonyms: 14 kDa selenium-binding protein, Liver-type fatty acid-binding protein, L-FABP
Molecular Weight:	14.2 kDa
UniProt:	P12710
Pathways:	Chromatin Binding, Regulation of Lipid Metabolism by PPARalpha

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4, 2 % trehalose
Storage:	-20 °C

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