9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

FABP1 Human

Fatty Acid Binding Protein-1 Human Recombinant
RCP0802

Product Overview

Name	FABP1 Human
Description	
Fatty Acid Binding Protein-1 Human Recombinant	
Accession (Primary)	P07148
Synonyms	
Fatty acid-binding protein 1 liver, L-FABP, FABPL, FABP-1, FABP1, Z-protein.	
Introduction	
FABP1 (Fatty acid binding protein1) encodes the fatty acid binding protein found in liver. FABP1 is composed of ten antiparallel beta 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Filtered (0.4 µm) and lyophilized from 0.5mg/ml in 20mM TRIS and 50mM NaCl, pH 7.5.	
Stability	
Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MSFSGKYQLQ SQENFEAFMK AIGLPEELIQ KGKDIKGVSE IVQNGKHFKF TITAGSKVIQ NEFTVGEECE LETMTGEKVK TVVQLEGDNK LVTTFKNIKS VTELNGDIIT NTMTLGDIVF KRISKRI.	
Solubility	
It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

lyophilized pellet dissolve completely. FABP1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Precautions

FABP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P07148)