9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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FABP1 Human, His

Fatty Acid Binding Protein-1 Human Recombinant, His Tag
RCP0803

Product Overview

Name	FABP1 Human, His
Description	
Fatty Acid Binding Protein-1 Human Recombinant, His Tag	
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	
Sterile Filtered colorless solution.	
Formulation	
The protein solution (1mg/ml) contains 20mM Tris-HCl pH-8.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MSFSGKYQLQ SQENFEAFMK AIGLPEELIQ KGKDIKGVSEIVQNGKHFKF TITAGSKVIQ NEFTVGEECE LETMTGEKVK TVVQLEGDNK LVTTFKNIKSVTELNGDIIT NTMTLGDIVF KRISKRI.	
Precautions	
FABP1 Human, His is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P07148)