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

FABP1 Mouse, His

Fatty Acid Binding Protein-1, His Tag Mouse Recombinant
RCP0805

Product Overview

Name	FABP1 Mouse, His
Description	
Fatty Acid Binding Protein-1, His Tag Mouse Recombinant	
Accession (Primary)	P12710
Synonyms	
Fatty acid-binding protein 1 liver, L-FABP, FABPL, FABP-1, FABP1, Z-protein, Fatty acid-binding protein, liver.	
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 FABP1 solution (0.25mg/ml) contains PBS (pH7.4), 20% glycerol and 1mM DTT.	
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). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MNFSGKY QLQSQENFEP FMKAIGLPED LIQKGKDIKG VSEIVHEGKK IKLTITYGPK VVRNEFTLGE ECELETMTGE KVKAVVKLEG DNKMVTTFKG IKSVTELNGD TITNTMTLGD IVYKRVSKRI.	
Precautions	
FABP1 Mouse, His is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P12710)