

Recombinant human FABP3 protein, His

Catalog Number: bs-41180P

Concentration: >0.5 mg/ml

AA Seq: 2-133/133

Predicted MW: 15

Detected MW: 15-17 kDa

Tags: His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

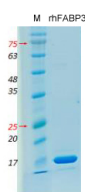
Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0) with 150mM NaCl and 100mM imidazole.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Fatty acid-binding proteins, designated FABPs, are a family of homologous cytoplasmic proteins that are expressed in a highly tissue-specific manner and play an integral role in the balance between lipid and carbohydrate metabolism. FABPs mediate fatty acid (FA) and/or hydrophobic ligand uptake, transport and targeting within their respective tissues. The mechanisms underlying these actions can give rise to both passive diffusional uptake and protein-mediated transmembrane transport of FAs. FABPs are expressed in adipocytes (A-FABP), brain (B-FABP), epidermis (E-FABP, also designated psoriasis-associated FABP or PA-FABP), muscle and heart (H-FABP, also designated mammary-derived growth inhibitor or MDGI), intestine (I-FABP), liver (L-FABP), myelin (M-FABP) and testis (T-FABP). MDGI is highly expressed in the myocardium, skeletal and smooth muscle fibers, lipid and/or steroid synthesizing cells and terminally differentiated epithelia of the respiratory, intestinal and urogenital tracts.

VALIDATION IMAGES



Recombinant human Cardiac FABP in SDS-page



The purity of the protein is greater than 90% as

determined by reducing SDS-PAGE.