Recombinant Mouse IFABP Protein(Trx Tag)

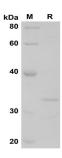
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog Number: PDEM100199



Description Species Mouse Source E.coli-derived Mouse IFABP protein Ala2-Glu132, with an N-terminal Trx Mol Mass 34.4 kDa Accession P55050 **Bio-activity** Not validated for activity **Properties** Purity >95% as determined by reducing SDS-PAGE. Endotoxin < 10 EU/mg of the protein as determined by the LAL method Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 Storage °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at $< -20^{\circ}$ C for 3 months. This product is provided as lyophilized powder which is shipped with ice packs. Shipping Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Formulation Mannitol. Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis

Data



SDS-PAGE analysis of Mouse IFABP proteins, 2µg/lane of Recombinant Mouse IFABP proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 34 KD

Background

FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. FABP2 is probably involved in triglyceride-rich lipoprotein synthesis. Binds saturated long-chain fatty acids with a high affinity, but binds with a lower affinity to unsaturated long-chain fatty acids. FABP2 may also help maintain energy homeostasis by functioning as a lipid sensor.

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