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FABP3
Recombinant Human FABP3, N-His

Catalog No.	CRF108B CRF108C	**Quantity:**	100 µg 1.0 mg

Alternate Names: Fatty acid-binding protein, heart, Fatty acid-binding protein 3, Heart-type fatty acid-binding protein (H-FABP), Mammary-derived growth inhibitor (MDGI), Muscle fatty acid-binding protein (M-FABP)

Description: Human Fatty Acid Binding Protein 3 (FABP3) exhibits high affinity for small lipophilic ligands. Studies suggest that FABPs are involved in the uptake and metabolism of fatty acids, maintenance of cellular membrane fatty acids levels, intracellular trafficking, modulation of specific enzymes of lipid metabolic pathways, as well as in the modulation of cell growth and differentiation.

UniProt ID: P05413

Protein Construction: DNA sequence encoding the human FABP3 (Met 1-Ala 133) with a N-terminal His tag.

Source: *E. coli*

Molecular Weight: 17.17 kDa predicted, 14.9 kDa apparent (133 aa)

Formulation: Lyophilized from a solution in PBS pH 7.4, 0.01% SKL, 5% Trehalose

Purity: > 90% by SDS-PAGE

Endotoxin Level: < 1 EU/µg of the protein as determined by the LAL analysis

Reconstitution: **Centrifuge vial prior to opening**. Add sterile distilled water to the vial to fully solubilize the protein to a concentration of at least 0.25 mg/ml.

Storage & Stability: Store as supplied at -80°C for up to one year. Upon reconstitution store in working aliquots at -20°C to -80°C. **Avoid repeated freeze-thaw cycles.**

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