

PRODUCT SPECIFICATIONS

Name	Recombinant FABP3, 100 µg
Description	Recombinant human fatty acid-binding protein 3 (FABP3) with a C-terminal histidine tag. Predicted molecular weight: 15 kDa.
Amino acid sequence	MVDAFLGTWKLVDKSNFDDYMKSLGVGFATRQVASMTPPTTIEKNGDILTLLKTHSTFKNTEISFKL GVEFDETTADDRKVKSIIVTLDDGGKLVHLQKWDDGQETLLVRELIDGKLLILTLHTGAVCTRTRYEKEAL EHHHHHH
Production host	<i>Escherichia coli</i> (<i>E. coli</i>)
Product code	610043
Product formulation	Lyophilized from 0.2 µm filtered solution
Product buffer	50 mM Tris-HCl, pH 7.5; 150 mM NaCl; containing 3 % sucrose, 4 % D-mannitol and 0.01 % Tween 20 as stabilizers.
Reconstitution	Reconstitute lyophilized protein with 200 µl of deionized water
Shelf life and storage	Shelf life unspecified, storage at 2-8 °C
Analyte description	The fatty-acid-binding proteins (FABPs) are a family of carrier proteins for fatty acids and other lipophilic substances. Hearttype fatty acid-binding protein (H-FABP= FABP3) is a low molecular weight cytoplasmic protein present abundantly in the myocardium. When the myocardium is injured, as in the case of myocardial infarction, low molecular weight cytoplasmic proteins including H-FABP are released into the circulation and H-FABP can be used as a biochemical diagnostic marker in the early phase of acute myocardial infarction (AMI).
Product concentration	0.5 mg/ml when reconstituted with 200 µl of deionized water
Purity	SDS-PAGE 
Reactivity with MedixMABs	Anti-h FABP3 2302 : + Anti-h FABP3 2303 : + Anti-h FABP3 2304 : +

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Oy Medix Biochemica Ab

Headquarters and manufacturing
 Klovinpellontie 3
 FI-02180 Espoo, Finland

medix@medixbiochemica.com
 www.medixbiochemica.com
 VAT reg. no. FI4631532