## Medix Biochemica

## Recombinant FABP3, 100 µg

Catalog number	610043
Description	Recombinant human fatty acid-binding protein 3 (FABP3) with a C-terminal histidine tag. Predicted molecular weight: 16 kDa
Amino acid sequence	MVDAFLGTWKLVDSKNFDDYMKSLGVGFATRQVASMTKPTTIIEKNGDIL TLKTHSTFKNTEISFKLGVEFDETTADDRKVKSIVTLDGGKLVHLQKWDGQ ETTLVRELIDGKLILTLTHGTAVCTRTYEKEALEHHHHHH
Product host	Escherichia coli (E. coli)
Product formulation	Lyophilized
Product buffer solution	Lyophilized from 50 mM Tris-HCl, pH 7.5; 150 mM NaCl; containing 3 % sucrose, 2 % D-mannitol and 0.01 % Tween 20 as stabilizers.
Reconstitution	Reconstitute the lyophilized protein with deionized water
Shelf life and storage	Unspecified for lyophilized product, storage at 2-8 °C. After reconstitution 1 month at 2-8 °C and 1 month at -20 °C.
Analyte description	The fatty-acid-binding proteins (FABPs) are a family of carrier proteins for fatty acids and other lipophilic substances. Heart type 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	N/A
Purity	Capillary electrophoresis (CE-SDS)

Antibodies tested

Anti-h FABP3 2302: + Anti-h FABP3 2303: + Anti-h FABP3 2304: +

20.1 kD

14.4 kD



**Oy Medix Biochemica Ab** Klovinpellontie 3, FI-02180 Espoo, Finland medix@medixbiochemica.com www.medixbiochemica.com VAT reg. no. FI14631532

30 kD

## Legal disclaimer

Medix Biochemica products meet their specifications if transported, stored, and used according to the instructions. Medix Biochemica's products may not be used or reproduced without Medix Biochemica's written permission.