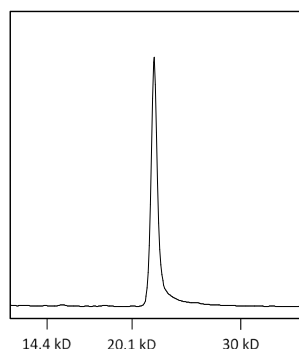


## Recombinant FABP3, 100 µg

<b>Catalog number</b>	610043
<b>Description</b>	Recombinant human fatty acid-binding protein 3 (FABP3) with a C-terminal histidine tag. Predicted molecular weight: 16 kDa
<b>Amino acid sequence</b>	MVDAFLGTWKLVDKSNFDDYMKSLGVGFATRQVASMTKPTTIIKNGDIL TLKTHSTFKNTEISFKLGVEFDETTADDRKVKSIIVLDGGKLVHLQKWDGQ ETTLVRELIDGKLILTLTHGTAVCTRTRTYEKEALEHHHHHH
<b>Product host</b>	<i>Escherichia coli (E. coli)</i>
<b>Product formulation</b>	Lyophilized
<b>Product buffer solution</b>	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.
<b>Reconstitution</b>	Reconstitute the lyophilized protein with deionized water
<b>Shelf life and storage</b>	Unspecified for lyophilized product, storage at 2-8 °C. After reconstitution 1 month at 2-8 °C and 1 month at -20 °C.
<b>Analyte description</b>	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).
<b>Product concentration</b>	N/A
<b>Purity</b>	Capillary electrophoresis (CE-SDS)



<b>Antibodies tested</b>	Anti-h FABP3 2302: + Anti-h FABP3 2303: + Anti-h FABP3 2304: +
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