



B-FABP **Human, Recombinant, *E. coli***

Cat. No.: RCP9312 **Size:** 10µg

Synonym: Fatty Acid-Binding Protein, Brain; FABPB; Brain Lipid-Binding Protein; BLBP; Fatty Acid-Binding Protein 7; FABP7; Mammary-derived growth inhibitor related.

Description: Fatty acid-binding proteins (FABPs), such as B-FABP, are a group of low-molecular weight cytosolic proteins involved in the solubilization and transport of fatty acids. Together with the heart-type fatty acid-binding proteins (H-FABP), B-FABP is released into serum after acute ischaemic stroke and is used as an early marker for the diagnosis of stroke.

RANDOX recombinant human B-FABP comprises a 132aa polypeptide (1-132) corresponding to the full-length protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Shimizu, F *et al.*, *Biochim Biophys Acta*. **1354 (1)**:24-28 (1997).

Wunderlich, MT. *et al.*, *J Neurol*. **252 (6)**: 718-724 (2005).