

FABP3, 1-133aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02074

3th Edition

Synonyms:Fatty acid binding protein 3, muscle and heart, H-FABP, M-FABP, MDGI, FABP11

Description:FABP3 (Fatty acid binding protein 3) is also known as heart fatty acid binding protein and is a member of Fatty acid binding proteins (FABPs) which are a family of small, highly conserved, cytoplasmic proteins to bind long-chain fatty acids and other hydrophobic ligands. FABP3 is abundant in the myocardium and rapidly released from cardiomyocytes into the circulation after the onset of cell damage.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight:19.1 kDa (170aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHMVDAFLGTWKLVD SKNFDDYMKSLGVGFATRQVA
SMTKPTTII EKNGDILTLKTHSTFKNTEISFKLGVEFDETTADDRKVKSI VTL DGGKLVHLQKWDGQETTLVRELIDGK
LILTLTHGTAVCTR TYEKEA

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.