

Recombinant Human Fatty Acid-Binding Protein 7/FABP7/B-FABP Protein(N-6His)

Cat.NO.: TP05473

3th Edition

Synonyms:Fatty Acid-Binding Protein Brain; Brain Lipid-Binding Protein; BLBP; Brain-Type Fatty Acid-Binding Protein; B-FABP; Fatty Acid-Binding Protein 7; Mammary-Derived Growth Inhibitor Related; FABP7; BLBP; FABPB; MRG

Description:Fatty Acid-Binding Protein 7 (FABP7) is a cytoplasm protein that belongs to the Fatty-acid Binding Protein (FABP) family of calycin superfamily. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids. FABP7 is predominately expressed in brain and neural tissues. FABP7 is involved in fatty acid uptake and intracellular transport and is important in brain development. FABP7 plays a critical role in the transport of a so far unknown hydrophobic ligand with potential morphogenic activity during CNS development. FABP7 is required for the establishment of the radial glial fiber system in developing brain, a system that is necessary for the migration of immature neurons to establish cortical layers.

Form:PBS

Molecular Weight:17.1 kDa

Sequences:Val2-Ala132

Purity:> 95% by HPLC

Concentration:

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.