

FABP7, 1-132aa, Human, Recombinant, E.coli

Cat.NO.: TP02078

3th Edition

Synonyms:Fatty acid binding protein 7, Fatty acid-binding protein, brain, MRG, BLBP, FABPB, B-FABP

Description:FABP7 (Fatty acid binding protein 7) is also known as brain 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. FABP7 is expressed in radial glia by the activation of Notch receptors and binds DHA with the highest affinity among all of FABPs. Recombinant FABP7 protein was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT,2 mM EDTA, 10% glycerol

Molecular Weight:14kDa (132aa), confirmed by MALDI-TOF

Sequences:

MVEAFCATWKL TNSQNFDEYMKALGVGFATRQVGNVTKPTVIISQEGDKVVIRTLSTFKNTEISFQLGEEFDETTAD
DRNCKSVVSLDGDKL VHIQKWDGKETNFVREIKDGKVMVMTLTFGDVVAVRHYEKA

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.