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**Recombinant Human BLBP / FABP7 Protein****Cat.NO.: TP06637**

3th Edition

**Synonyms:**B-FABP;BLBP;FABPB;LTR2-FABP7;MRG;RP11-548E19.1

**Description:**BLBP, also known as FABP7, is a brain fatty acid binding protein. Fatty acid binding proteins (FABPs) are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP7 binds DHA with the highest affinity among all of the FABPs. FABPs may play roles in fatty acid uptake, transport, and metabolism. BLBP is expressed, during development, in radial glia by the activation of notch receptors. It was shown that reelin induces FABP7 expression in neural progenitor cells via notch-1 activation. BLBP variation is linked to weak prepulse inhibition(PPI) in mice and deficit in PPI is an endophenotypic trait observed in schizophrenia patients and their relatives.

**Form:**PBS**Molecular Weight:**14.9 kDa**Sequences:**Met 1-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.