

AR03031PU-L**FABP7 (1-132) - Purified**

Alternate names: B-FABP, BLBP, Brain lipid-binding protein, FABPB, Fatty acid-binding protein 7, MRG, Mammary-derived growth inhibitor related

Quantity: 0.5 mg

Concentration: 1.0 mg/ml

Background: 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.

Uniprot ID: [O15540](#)

NCBI: [NP_001437.1](#)

GeneID: [2173](#)

Source: E. coli

Format: **State:** Liquid protein
Purity: >95% by SDS-PAGE; purified by using conventional chromatography techniques
Buffer System: 25mM Tris pH 7.5, 1mM DTT, 2mM EDTA, 10% glycerol

Description: Recombinant BP7, 1-132aa

AA Sequence:

MVEAFCATWK LTNSQNFDEY MKALGVGFAT RQVGNVTKPT VIISQEGDKV VIRTLSSTFKN
TEISFQLGEE FDETTADDRN CKSVVSLDGD KLVHIQKWDG KETNFVREIK DGKMMVMTLTF
GDVVAVRHYE KA

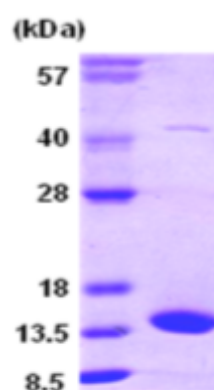
Molecular weight: 14 kDa

Storage: Store (in aliquots) at -20 °C. Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

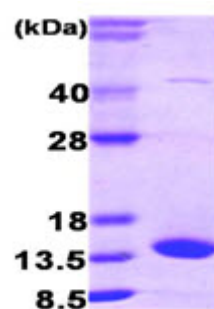
General Readings: 1. Borchers T., et al. (1997). Prostaglandins Leukot. Essent. Fatty Acids. 57(1):77-84.
2. Liu Rz., et al. (2003). Eur J Biochem. 270(4):715-25.

Pictures:

Western blot analysis: Cell lysates of mouse brain (60 µg) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human FABP7 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



15% SDS-PAGE (3µg)



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