

FABP7 recombinant protein

FABP7, 1-132aa, Human, E Coli

CATALOG # AAA11755	HOST E Coli	APPLICATIONS SDS-Page
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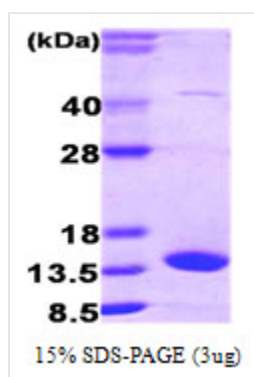
PRODUCT SYNONYMS

FABP7; 1-132aa; Human; E Coli; Fatty acid binding protein 7; Fatty acid binding protein 7 B FABP; BFABP; BLBP; Brain lipid binding protein; DKFZp547J2313; FABP 7; FABPB; Fatty acid binding protein 7 brain; Fatty acid binding protein brain; OTTHuMP00000017119; Mammary derived growth inhibitor related; MRG.; FABP7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid in 25mM Tris pH 7.5, 1mM DTT, 2mM EDTA, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MVEAFCATWK LTNSQNFDEY MKALGVGFAT RQVGNVTKPT VIISQEGDKV VIRTLSFKN TEISFQLGEE FDETTADDRN CKSVVSLDGD KLVHIQKWDG KETNFVREIK DGKMVMTLTF GDVVAVRHYE KA
Sequence Length	132
Applicable Applications for FABP7 recombinant protein	SDS-PAGE
Antigen Species	Human
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FABP7 recombinant protein	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.
Product Categories/Family for FABP7 recombinant protein	Neuroscience
References	Borchers T., et al. (1997).Prostaglandins Leukot. Essent. Fatty Acids. 57 (1):77-84; Liu Rz., et al. (2003).Eur J Biochem. 270 (4):715-25;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557585
NCBI GeneID	2173
NCBI Accession #	NP_001437
NCBI GenBank Nucleotide #	NM_001446.4
UniProt Accession #	O15540; O14951; Q6IAU7; Q9H047; B2R4L1
Molecular Weight	14kDa (132aa), confirmed by MALDI-TOF.
NCBI Official Full Name	fatty acid-binding protein, brain isoform 1
NCBI Official Synonym Full Names	fatty acid binding protein 7
NCBI Official Symbol	FABP7
NCBI Official Synonym Symbols	MRG; BLBP; FABPB; B-FABP
NCBI Protein Information	fatty acid-binding protein, brain
UniProt Protein Name	Fatty acid-binding protein, brain
UniProt Gene Name	FABP7
UniProt Synonym Gene Names	BLBP; FABPB; MRG; BLBP; B-FABP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.