Fatty Acid-Binding Protein, Brain (FABP7) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Fatty acid-binding protein, brain (FABP7), Recombinant Protein
Full Product Name	Recombinant Bovine Fatty acid-binding protein, brain (FABP7)
Product Gene Name	FABP7 recombinant protein
Product Synonym Gene Name	FABP7
Sequence	VEAFCATWKL TESQNFDEYM KALGVGFATR QVGNVTKPTV IISQEGDRVV IRTQSTFKNT EISFHLGEEF DETTADDRNC KSVVSLDGDK LVHVQKWDGK ETNFVREIKD GKMIMTLTFG DVVAVRHYEK A
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	14,956 Da
Sequence Positions	2-132, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q09139
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FABP7 recombinant protein	This protein 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. FABPs are thought to play roles in fatty acid uptake, transport, and metabolism.
Other Notes	Small volumes of FABP7 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FABP7 purchase	MBS1280979 is a recombinant protein targeting FABP7. Also known as Recombinant Bovine Fatty acid-binding protein, brain (FABP7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FABP7. It may not necessarily be applicable to this product.

NCBI GI #	118151440
NCBI GeneID	777787
NCBI Accession #	NP_001071630.1
UniProt Primary Accession #	Q09139

UniProt Secondary Accession #	Q17QG9
UniProt Related Accession #	Q09139
GenBank Nucleotide #	NM_001078162.2
NCBI Official Full Name	fatty acid-binding protein, brain
NCBI Official Synonym Full Names	fatty acid binding protein 7
NCBI Official Symbol	FABP7
UniProt Protein Name	Fatty acid-binding protein, brain
UniProt Synonym Protein Names	Brain-type fatty acid-binding protein; B-FABP; Fatty acid-binding protein 7
Protein Family	Fatty acid-binding protein
UniProt Gene Name	FABP7
UniProt Synonym Gene Names	B-FABP
NCBI Protein Information	fatty acid-binding protein, brain
UniProt Comments for FABP7	FABP are thought to play a role in the intracellular transport of long chain fatty acids and their acyl-CoA esters. Binds oleic and palmitic acids but not palmitoyl CoA.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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