



Recombinant Rat Fatty acid-binding protein, brain (Fabp7)

Product Code	CSB-EP007956RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P55051
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	VDAFCATWK LTDSQNFDEY MKALGVGFAT RQVGNVTKPT VIISQEGGKV VIRTQCTFKN TEISFQLGEE FEETSIDDRN CKSVIRLDGD KLIHVQKWDG KETNCSVREIK DGKMOVTLTF GDVVAVRCYE KA
Source	E.coli
Target Names	Fabp7
Protein Names	Recommended name: Fatty acid-binding protein, brain Alternative name(s): Brain lipid-binding protein Short name= BLBP Brain-type fatty acid-binding protein Short name= B-FABP Fatty acid-binding protein 7
Expression Region	2-132
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.