



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

<b>Product Code</b>	CSB-EP007956RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P55051
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	VDAFCATWK LTDSQNFDEY MKALGVGFAT RQVGNVTKPT VIISQEGGKV VIRTQCTFKN TEISFQLGEE FEETSIDDRN CKSVIRLDGD KLIHVQKWDG KETNCSVREIK DGKMOVTLTF GDVVAVRCYE KA
<b>Source</b>	E.coli
<b>Target Names</b>	Fabp7
<b>Protein Names</b>	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
<b>Expression Region</b>	2-132
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.