



Recombinant Chicken Fatty acid-binding protein, brain (FABP7)

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| Product Code | CSB-EP007956CH |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | Q05423 |
| Product Type | Recombinant Protein |
| Immunogen Species | Gallus gallus (Chicken) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | VEAFCATWK LADSHNFDEY MKALGVGFAM RQVGNVTKPT VIISSEGDKV VIRTQSTFKN TEISFKLGE E FDETTTPDDR N CKSVVTL DGD KLVHVQKWDG KETNFVREIK DGRMVMTLTF GDVVAVRHYE KA |
| Source | E.coli |
| Target Names | FABP7 |
| Protein Names | Recommended name: Fatty acid-binding protein, brain Alternative name(s): Brain-type fatty acid-binding protein Short name= B-FABP Fatty acid-binding protein 7 Fatty acid-binding protein, retina R-FABP |
| 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. |