



Recombinant Rat Fatty acid-binding protein, adipocyte (Fabp4)

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| Product Code | CSB-MP007945RA |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P70623 |
| Product Type | Recombinant Protein |
| Immunogen Species | Rattus norvegicus (Rat) |
| Purity | >85% (SDS-PAGE) |
| Sequence | CDAFVGTWK LVSSNFDDY MKEVGVGFAT RKVAGMAKPN LIISVEGDLV VIRSESTFKN TEISFKLVE FDEITPDDRK VKSIITLDGG VLVHVQKWDG KSTTIKKRRD GDKLVVECV M KGV TSTRVYE RA |
| Source | Mammalian cell |
| Target Names | Fabp4 |
| Protein Names | Recommended name: Fatty acid-binding protein, adipocyte Alternative name(s): Adipocyte lipid-binding protein Short name= ALBP Adipocyte-type fatty acid- binding protein Short name= A-FABP Short name= AFABP Fatty acid-bi |
| 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 | FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include 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. |