Recombinant Rat Fatty acid-binding protein, liver (Fabp1)

Product Code	CSB-EP007940RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P02692
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MNFSGKYQVQ SQENFEPFMK AMGLPEDLIQ KGKDIKGVSE IVHEGKKVKL TITYGSKVIH NEFTLGEECE LETMTGEKVK AVVKMEGDNK MVTTFKGIKS VTEFNGDTIT NTMTLGDIVY KRVSKRI
Source	E.coli
Target Names	Fabp1
Protein Names	Recommended name: Fatty acid-binding protein, liver Alternative name(s): Fatty acid-binding protein 1 Liver-type fatty acid-binding protein Short name= L-FABP Squalene- and sterol-carrier protein Short name= SCP Z-protein
Expression Region	1-127
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 protein
Target Details	FABP1 encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP1 and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. 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.