Recombinant Rat Fatty acid-binding protein, epidermal (Fabp5)

Product Code	CSB-BP007946RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P55053
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	ASLKDLEGK WRLVESHGFE DYMKELGVGL ALRKMGAMAK PDCIITLDGN NLTVKTESTV KTTVFSCTLG EKFDETTADG RKTETVCTFT DGALVQHQKW EGKESTITRK LKDGKMVVEC VMNNAICTRV YEKVQ
Source	Baculovirus
Target Names	Fabp5
Protein Names	Recommended name: Fatty acid-binding protein, epidermal Alternative name(s): Cutaneous fatty acid-binding protein Short name= C-FABP DA11 Epidermal-type fatty acid-binding protein Short name= E-FABP Fatty acid-binding pro
Expression Region	2-135
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 gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. 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. The human genome contains many pseudogenes similar to this locus.
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.