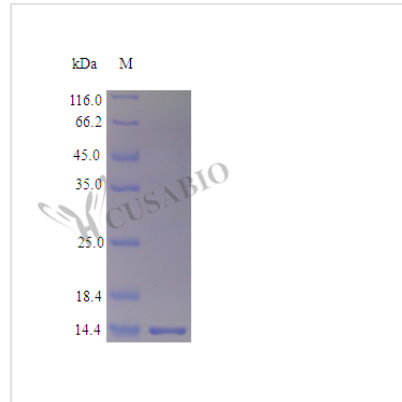




Recombinant Mouse Fatty acid-binding protein, liver protein (Fabp1) (Active)

Product Code	CSB-AP000551MO
Abbreviation	Recombinant Mouse Fabp1 protein (Active)
Uniprot No.	P12710
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4, 2 % trehalose
Product Type	Other
Immunogen Species	Mus musculus (Mouse)
Biological Activity	Fully biologically active when compared to standard. The binding affinity of rMuFABP1 for the synthetic ligand cis-parinaric acid has been measured by fluorescence titration. Half maximal fluorescence of 2.5 µM rMuFABP1 is achieved with approximately 5 µM cis-parinaric acid.
Purity	>95% as determined by SDS-PAGE.
Sequence	MNFSGKYQLQ SQENFEPFMK AIGLPEDLIQ KGKDIKGVSE IVHEGKKIKL TITYGPKVVR NEFTLGEECE LETMTGEKVK AVVKLEGDNK MVTTFKGIKS VTELNQDTIT NTMTLGDIVY KRVSKRI
Research Area	Signal Transduction
Source	E.coli
Target Names	Fabp1
Expression Region	1-127aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	14.2 kDa
Protein Length	Full Length
PubMed ID	15489334; 2760043; 21183079; 23806337; 23576753
Image	

**Endotoxin**

Less than 1.0 EU/ μ g as determined by LAL method.

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.