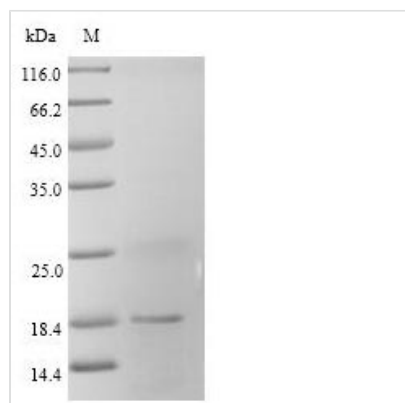




Recombinant Rat Fatty acid-binding protein, heart (Fabp3)

Product Code	CSB-MP007943RA
Relevance	FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters.
Abbreviation	Recombinant Rat FABP3 protein
Storage	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.
Uniprot No.	P07483
Product Type	Recombinant Proteins
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ADAFVGTWKLVD SKNFDDYMKSLGVGFATRQVASMTKPTTIEKNGDTITIKTH STFKNTEISFQLGVEFDEV TADDRKVKSVVTL DGGKLVHVQKWDGQETTLTRE LSDGKLILTLTHGNVVSTRTYEKEA
Research Area	Cardiovascular
Source	Mammalian cell
Target Names	Fabp3
Expression Region	2-133aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-Myc-tagged
Mol. Weight	18.6kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Description

To express the recombinant Rat FABP3 protein in mammalian cells, a DNA fragment encoding the Rat FABP3 protein (2-133aa) is inserted into a plasmid vector and transferred to the mammalian cells. Cells containing the plasmid are screened, cultured, and induced to express the FABP3 protein. The protein carries a N-terminal 6xHis-Myc tag. Lysing the cells allows for the collection of the recombinant Rat FABP3 protein, which is purified through affinity purification and then identified through SDS-PAGE and subsequent staining of the gel with Coomassie Brilliant Blue. The purity of the recombinant Rat FABP3 protein obtained is greater than 90%.

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.