

Recombinant Mouse FABP4 protein(Met1-Ala132), His-tagged

Cat. No. Fabp4-3317M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse FABP4 (NP_077717.1) (Met 1-Ala 132) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-132 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse FABP4 comprises 143 amino acids and has a calculated molecular mass of 16 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 15 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Fabp4 fatty acid binding protein 4, adipocyte [*Mus musculus*]

Official Symbol FABP4

Synonyms

FABP4; fatty acid binding protein 4, adipocyte; fatty acid-binding protein, adipocyte; P15; ALBP; AFABP; A-FABP; protein 422; P2 adipocyte protein; adipocyte protein aP2; myelin P2 protein homolog; 3T3-L1 lipid-binding protein; fatty acid-binding protein 4; adipocyte lipid-binding protein; adipocyte-type fatty acid-binding protein; Ap2; Lbpl; 422/aP2; ALBP/Ap2;

Gene ID 11770

mRNA Refseq NM_024406

Protein Refseq NP_077717

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