

Recombinant Mouse Fabp4 protein, His-tagged

Cat. No. Fabp4-449M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fabp4 (P04117) aa. (Cys2~Ala132) fused with His tag was produced in HEK293F cells.
Species	Mouse
Source	HEK293
ProteinLength	Cys2~Ala132
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.1kDa; Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Characteristic	Isoelectric point is 8.6.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

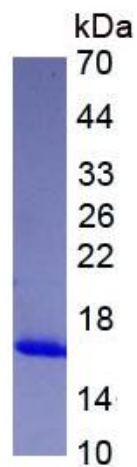
Gene Name	Fabp4 fatty acid binding protein 4, adipocyte [Mus musculus (house mouse)]
Official Symbol	Fabp4
Synonyms	Fabp4; fatty acid binding protein 4, adipocyte; Ap2; Lbpl; 422/aP2; ALBP/Ap2;
Gene ID	11770
mRNA Refseq	NM_024406.2
Protein Refseq	NP_077717.1
UniProt ID	P04117

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SDS-PAGE



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