

Recombinant Mouse Fabp4 protein, His-tagged

Cat. No. Fabp4-4068M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fabp4 protein(1-132 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-132 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence	MCDAFVGTWKLVSSENFDYMKVGVGFATR KVAGMAKPNMIISVNGDLVTIRSES TFKNTEISFKLGVEFDEITADDRKVKSIITLDGGALVQVQKWDGKSTTIKRKR DGDKL VVECVMKGV TSTRVYERA
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GENE INFORMATION

Gene Name	Fabp4 fatty acid binding protein 4, adipocyte [<i>Mus musculus</i>]
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Official Symbol	Fabp4
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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;
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Gene ID	11770
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mRNA Refseq	NM_024406
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Protein Refseq	NP_077717
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