

Recombinant Human FABP4 protein, GST-tagged

Cat. No. FABP4-12634H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FABP4 protein(6-132 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	6-132 aa
Tag	N-GST
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	VGTWKLVSSENFDDYMKEVGVGFATRKVAGMAKPNMIISVNGDVITIKSESTFKNTEI SFILGQEFDEVTADDRKVKSTITLDGGVLVHVQKWDGKSTTIKRKREDDKLVVECVM KGV TSTRVYERA
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GENE INFORMATION

Gene Name	FABP4 fatty acid binding protein 4, adipocyte [Homo sapiens]
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Official Symbol	FABP4
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Synonyms	FABP4; fatty acid binding protein 4, adipocyte; fatty acid-binding protein, adipocyte; A FABP; aP2; fatty acid-binding protein 4; adipocyte lipid-binding protein; adipocyte- type fatty acid-binding protein; ALBP; AFABP; A-FABP;
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Gene ID	2167
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mRNA Refseq	NM_001442
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Protein Refseq	NP_001433
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MIM	600434
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UniProt ID	P15090
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