

## Recombinant Human FABP4 protein, His-tagged

Cat. No. FABP4-3951H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FABP4 protein(P15090)(Cys2-Ala132,29Ala/Thr), fused with His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Cys2-Ala132,29Ala/Thr
<b>Form</b>	Lyophilized from sterile 50mM Tris, 200mM NaCl, 10% glycerol, pH 8.2Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human FABP4 consisting of 142 amino acids and has a calculated molecular mass of 16 kDa. It migrates as an approximately 15 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

<b>Gene Name</b>	FABP4 fatty acid binding protein 4, adipocyte [ Homo sapiens ]
<b>Official Symbol</b>	FABP4
<b>Synonyms</b>	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;
<b>Gene ID</b>	2167
<b>mRNA Refseq</b>	NM_001442
<b>Protein Refseq</b>	NP_001433
<b>MIM</b>	600434
<b>UniProt ID</b>	P15090

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