

Recombinant Full Length Human FABP4 Protein, Tag Free

Cat. No. FABP4-120H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FABP4 protein, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-132aa
Description	FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.
Form	Liquid in 20mM Tris-HCl buffer (pH 7.5) containing 2mM EDTA, 10% glycerol
Molecular Mass	14.7 kDa (132aa) confirmed by MALDI-TOF
AASequence	MCDAFVG TWKLVSSNFDDYMKEVG VGFATRKVAGMAKPNMIISVNGDVITIKSEST FKNTEISFILGQEFDEVTADDRKVKSTITLDGGVLVHVQKWWDGKSTTIK RKREDDKL VECVMKGVTSTRVYERA
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 95% by SDS-PAGE

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Storage

Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.

Concentration

1 mg/mL (determined by Bradford assay)

GENE INFORMATION
Gene Name

FABP4 fatty acid binding protein 4, adipocyte [Homo sapiens (human)]

Official Symbol

FABP4

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;

Gene ID

2167

mRNA Refseq

NM_001442

Protein Refseq

NP_001433

MIM

600434

UniProt ID

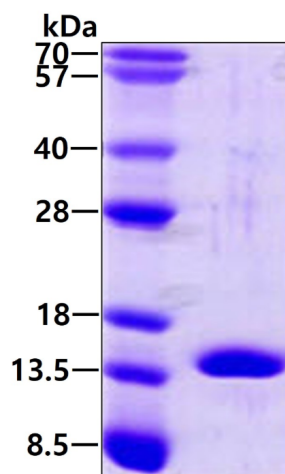
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SDS-PAGE



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