

Product datasheet for **AR09021PU-L**

FABP1 Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	FABP1 human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSFSGKYQLQ SQENFEAFMK AIGLPEELIQ KGKDIKGVSE IVQNGKHFKF TITAGSKVIQ NEFTVGEECE LETMTGEKVK TVVQLEGDNK LVTTFKNIKS VTELNGDIIT NTMTLGDIVF KRISKRI
Predicted MW:	16 kDa
Concentration:	lot specific
Purity:	>95% pure by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris pH 8.0
Preparation:	Liquid purified protein
Protein Description:	Recombinant human FABP1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Note:	NCBI Accession : NM_001443
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001434
Locus ID:	2168
UniProt ID:	P07148 , Q6FGL7 , Q05CP7
Cytogenetics:	2p11.2
Synonyms:	FABPL; L-FABP



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Summary:

This gene encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. This protein and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq, Mar 2011]

Protein Pathways:

PPAR signaling pathway

Product images: