

Product datasheet for **AR09183PU-L**

FABP2 (1-132, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	FABP2 (1-132, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSSLVPRGSH</u> MAFDSTWKVD RSENYDKFME KMGVNIVKRK LAAHDNLKLT ITQEGNKFTV KESSAFRNIE VVFEFGVTFN YNLADGTELR GTWSLEGKLNK IGFKFRDNG NELNTVREII GDELVQTYVY EGVEAKRIFK KD
Tag:	His-tag
Predicted MW:	17.3 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation:	Liquid purified protein
Protein Description:	Recombinant human FABP2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_000125</u>
Locus ID:	2169
UniProt ID:	<u>P12104</u>
Cytogenetics:	4q26
Synonyms:	FABPI; I-FABP



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Summary:

The protein encoded by this gene is an intracellular fatty acid-binding protein that participates in the uptake, intracellular metabolism, and transport of long-chain fatty acids. The encoded protein is also involved in the modulation of cell growth and proliferation. This protein binds saturated long-chain fatty acids with high affinity, and may act as a lipid sensor to maintain energy homeostasis. [provided by RefSeq, Aug 2017]

Protein Pathways:

PPAR signaling pathway

Product images: