

# Recombinant Human Fatty Acid Binding Protein 5, His tagged

**Cat. No.** FABP5-001H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human Fatty Acid Binding Protein 5 (2-135 aa) with C-His tag was Expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-135aa
<b>Description</b>	This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism. Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus.
<b>Tag</b>	C-His
<b>Molecular Mass</b>	16 kDa
<b>AA Sequence</b>	MATVQQLEGRWRLVDSKGFDEYMKELGVGIALRKMGAMAKPDCIITCDGKNLTIKTE STLKTTFQFSCTLGEKFEETTADGRKTQTVCNFTD GALVQHQEWGKESTITRKLKD GKLVVECVMMNNVTCTRIYEKVEHHHHHHHH
<b>Endotoxin</b>	< 1 EU/μg of protein (determined by LAL method)

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<b>Purity</b>	> 90% by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Sterile PBS, pH 7.4
<b>Concentration</b>	1 mg/mL by BCA

## GENE INFORMATION

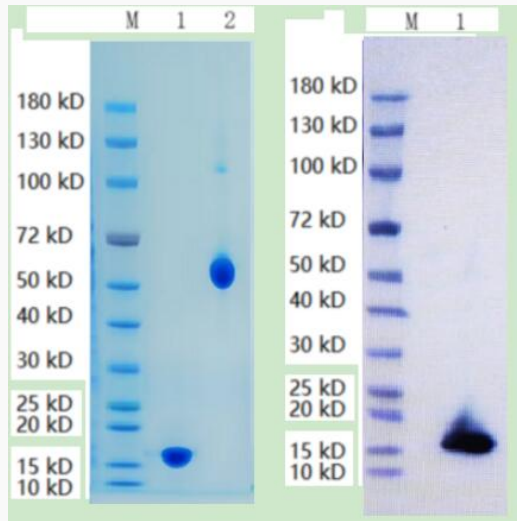
<b>Gene Name</b>	FABP5 fatty acid binding protein 5 [ Homo sapiens (human) ]
<b>Official Symbol</b>	FABP5
<b>Synonyms</b>	FABP5; fatty acid binding protein 5 (psoriasis-associated); fatty acid-binding protein, epidermal; E FABP; KFABP; PA FABP; epidermal-type fatty acid-binding protein; psoriasis-associated fatty acid-binding protein homolog; EFABP; E-FABP; PAFABP; PA-FABP;
<b>Gene ID</b>	2171
<b>mRNA Refseq</b>	NM_001444
<b>Protein Refseq</b>	NP_001435
<b>MIM</b>	605168
<b>UniProt ID</b>	Q01469

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Reducing 4%-20%  
SDS-PAGE (CBB  
stained) and WB  
(Anti-His Mouse  
Monoclonal  
antibody) analysis  
profiles of purified  
FABP5.



1. FABP5
2. BSA

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