Recombinant Human Fatty Acid Binding Protein 5, His tagged

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

SPECIFICATION

Product Overview	Recombinant human Fatty Acid Binding Protein 5 (2-135 aa) with C-His tag was Expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-135aa
Description	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.
Tag	C-His
Molecular Mass	16 kDa
AA Sequence	MATVQQLEGRWRLVDSKGFDEYMKELGVGIALRKMGAMAKPDCIITCDGKNLTIKTE STLKTTQFSCTLGEKFEETTADGRKTQTVCNFTDGALVQHQEWDGKESTITRKLKD GKLVVECVMNNVTCTRIYEKVEHHHHHHHH
Endotoxin	< 1 EU/μg of protein (determined by LAL method)

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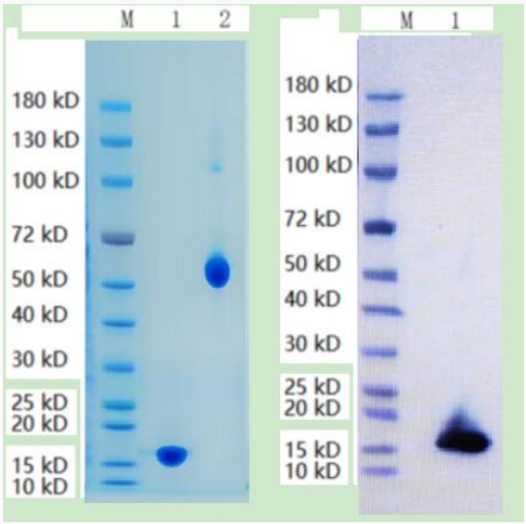
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH 7.4
Concentration	1 mg/mL by BCA

GENE INFORMATION

Gene Name	FABP5 fatty acid binding protein 5 [Homo sapiens (human)]
Official Symbol	FABP5
Synonyms	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;
Gene ID	2171
mRNA Refseq	NM_001444
Protein Refseq	NP_001435
MIM	605168
UniProt ID	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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