

Recombinant Human FABP5 protein, His-tagged

Cat. No. FABP5-366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FABP5 protein (Ala2-Glu135), fused to His tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	134
Description	Fatty acid-binding protein 5 (FABP5), is also known as Fatty acid-binding protein, epidermal (E-FABP), Psoriasis-associated fatty acid-binding protein homolog (PA-FABP). FABP5/E-FABP belongs to the calycin superfamily and fatty-acid binding protein (FABP) family. FABP5/E-FABP is highly expressed in psoriatic skin. FABP5/E-FABP has high specificity for fatty acids and has highest affinity for C18 chain length. FABP5 may be involved in keratinocyte differentiation.
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 16 kDa. The protein migrates as 16 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per ug by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage

For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- 20 centigrade to -70 centigrade for 12 months in lyophilized state;
- 70 centigrade for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name FABP5

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

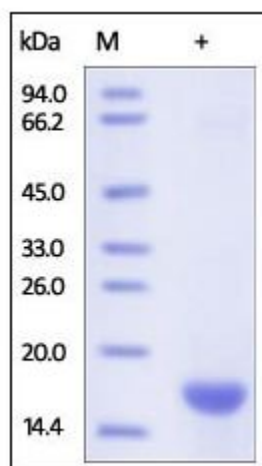
UniProt ID Q01469

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**SDS-PAGE of
FABP5-366H**



Human FABP5, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

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