



# Recombinant Human Fatty Acid-Binding Protein 5 (FABP5) [His] (DAG-WT249)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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| <b>Antigen Description</b> | Recombinant Human Fatty Acid-Binding Protein 5 (FABP5) is produced by E.coli expression system and the target gene encoding Ala2-Glu135 is expressed with a 6His tag at the N-terminus. |
| <b>Purity</b>              | > 95% , as determined by SDS-PAGE   |
| <b>Conjugate</b>           | His   |
| <b>Applications</b>        | Immunogen, calibrator / Standard  |
| <b>Molecular Weight</b>    | 17kDa   |
| <b>Format</b>              | Liquid  |
| <b>Concentration</b>       | Batch dependent - please inquire should you have specific requirements.   |
| <b>Size</b>                | 1 mg  |
| <b>Buffer</b>              | 20mM PB, 150mM NaCl, pH 7.4   |
| <b>Preservative</b>        | None  |
| <b>Storage</b>             | Store at -20°C to -80°C   |

## BACKGROUND

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| <b>Introduction</b> | Fatty acid-binding protein, epidermal is a protein that in humans is encoded by the FABP5 gene. 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 |
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small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.

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**Keywords** Fatty acid binding protein 5; FABP5; E-FABP

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## GENE INFORMATION

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**UniProt ID** Q01469

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