



# Recombinant Human FABP5 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP06827

**Protein Name:** FABP5

**Aliases:** EFABP; KFABP; E-FABP; PAFABP; PA-FABP

**UniProt ID:** Q01469

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q01469/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Full Length (1-135aa)

**Molecular Weight:** 42.2kDa

**Protein Tag:** N-terminal GST-tagged

## 2. Amino Acid Sequence (1-135aa)

MATVQQLEGRWRLVDSKGFDEYMKELGVGIALRKMGAMAKPDCIITCDGKNLTIKT  
ESTLKTTFQFCTLGEKFEETTADGRKTQTVCNFTDGALVQHQEWDGKESTITRKLK  
DGKLVVECVMMNNVTCTRIYEKVE

## 3. Storage Buffer

**Liquid Delivery Form:** Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

**Lyophilized Powder Delivery Form:** Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

## 4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.



## **5. Product Description**

This product is a recombinant Human FABP5 full length protein (1-135aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. FABP5, also known as EFABP or KFABP or E-FABP, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

## **6. Notes**

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.