



Recombinant Human FABP2 Protein Product Manual

1. Product Basic Information

Product No.: REP06825

Protein Name: Fatty Acid Binding Protein 2, Intestinal (FABP2)

Aliases: FABPI; I-FABP; fatty acid binding protein 2, intestinal; intestinal-type fatty acid-binding protein

UniProt ID: P12104

UniProt Link: <https://www.uniprot.org/uniprotkb/P12104/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length of Mature Protein (2-132aa)

Molecular Weight: 17.7 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (2-132aa)

AFDSTWKVD RSENYDKFM EKMGVNIVKR KLAHDNLKLT ITQEGNKFTV KESSAFR
NIEVVFELGVTFN YNLADGTEL RGTWSLEG NKLGKFKRTD NGSNELNTV REIIGDELV
QTYVYEGVEAKRIFK KD

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 FABP2 full length of mature protein protein (2-132aa) expressed in Yeast. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. FABP2, also known as FABPI or I-FABP or fatty acid binding protein 2, intestinal, 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.