



Recombinant Human FABP1 Protein Product Manual

1. Product Basic Information

Product No.: REP06824

Protein Name: Fatty Acid Binding Protein 1, Liver (FABP1)

Aliases: FABPL; L-FABP; fatty acid binding protein 1, liver; liver-type fatty acid-binding protein

UniProt ID: P07148

UniProt Link: <https://www.uniprot.org/uniprotkb/P07148/entry>

Species Source: Homo sapiens (Human)

Expression System: Baculovirus

Protein Length: Full length (1-127aa)

Molecular Weight: 16.2 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-127aa)

MSFSGKYQLQSQENFEAFMKAIGLPEELIQKGKDIKGVSEIVQNGKHFKFTITAGSK
VIQNEFTVGECELETMTGEKVKTVVQLEGDNKLVTTFKNIKSVTELNGDIITNTMTL
GDIVFKRISKRI

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 FABP1 full length protein (1-127aa) expressed in Baculovirus. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. FABP1, also known as FABPL or L-FABP or fatty acid binding protein 1, liver, 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.