



Recombinant Pig FABP3 Protein Product Manual

1. Product Basic Information

Product No.: REP06826

Protein Name: Mammary-Derived Growth Inhibitor (FABP3)

Aliases: MDGI; FABP11; H-FABP; M-FABP; O-FABP; mammary-derived growth inhibitor; fatty acid-binding protein, heart; muscle fatty acid-binding protein; heart-type fatty acid-binding protein; epididymis secretor...

UniProt ID: P05413

UniProt Link: <https://www.uniprot.org/uniprotkb/P05413/entry>

Species Source: Sus scrofa (Pig)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-133aa)

Molecular Weight: 22.1 kDa

Protein Tag: N-terminal 10xHis and C-terminal myc-tagged

2. Amino Acid Sequence (2-133aa)

VDAFAGTWKLVD SKNFDDYMKSIGVGFATRQVANMTKPTTIEVNGDTIIKTQSTFK
STEISFKLGVEFDETTADDRKVKSI VTL DGGKLVHLQKWNGQETTLVRELVDGKLILT
LTHGSAVCTR TYEKEA

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

5. Product Description

This product is a recombinant Pig FABP3 full length of mature protein protein (2-133aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and myc tag at the C-terminus, which facilitates protein purification, detection and identification. FABP3, also known as MDGI or FABP11 or H-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.