



Recombinant Mouse AGPAT2 Protein Product Manual

1. Product Basic Information

Product No.: REP06081

Protein Name: AGPAT2

Aliases: BSCL; BSCL1; LPAAB; LPLAT2; 1-AGPAT2; LPAAT-beta

UniProt ID: O15120

UniProt Link: <https://www.uniprot.org/uniprotkb/O15120/entry>

Species Source: Mus musculus (Mouse)

Expression System: Mammalian cell

Protein Length: Full Length of Mature Protein (24-278aa)

Molecular Weight: 32.8 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Twin-Strep-tagged

2. Amino Acid Sequence (24-278aa)

ARFYAKVGLYCVLCLSFSAASIVCLLRHGGRTVDNMSIISWVRSFKYVYGLRFEV
SGQKKLEVDGPCVIISNHQSILDMMGLMEILPKRCVQIAKRELMFTGPVGLIMYLG
VYFINRQQARTAMSVADLGDLMVKENLKVWIYPEGTRNDNGDLLPFKKGAFYLA
QAQVPIIPVYSSFSFYNVKTKLFTSGTIKVQVLDAVPTNGLTDADVTKLVDTCTYQS
MRATFLQISQIPQENSAIKEPGVLPAQ

3. Storage Buffer

Liquid Delivery Form: 50 mM HEPES, 0.15 M NaCl, 0.05% DDM, 0.01% CHS, pH7.5

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 Mouse AGPAT2 full length of mature protein protein (24-278aa) expressed in Mammalian cell. The protein is dual-tagged with 10xHis tag at the N-terminus and Twin-Strep tag at the C-terminus, which facilitates protein purification, detection and identification. AGPAT2, also known as BSCL or BSCL1 or LPAAB, 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.