



Recombinant Mouse ANXA1 Protein Product Manual

1. Product Basic Information

Product No.: REP06143

Protein Name: Annexin-Annexin A1 (ANXA1)

Aliases: ANX1; LPC1; annexin-annexin A1; calpactin-calpactin II; chromobindin-annexin I (lipocortin I); phospholipase A2 inhibitory protein; epididymis secretory sperm binding protein

UniProt ID: P04083

UniProt Link: <https://www.uniprot.org/uniprotkb/P04083/entry>

Species Source: Mus musculus (Mouse)

Expression System: Mammalian cell

Protein Length: Full Length (1-346aa)

Molecular Weight: 40.1 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (1-346aa)

MAMVSEFLKQARFLENQEYVQAVKSYKGGPGSAVSPYPSFNVSSDVAALHKAI
MVKGVDEATIIDILTKRTNAQRQQIKAAYLQENGKPLDEVLRKALTGHLEEVVLAMLK
TPAQFDADELRGAMKGLGTDEDTLIEILTTRSNEQIREINRVYREELKRDIAKDITSD
TSGDFRKALLALAKGDRCQDLSVNQDLADTDARALYEAGERRKGTDVNVFTTILTS
RSFPHLRRVFQNYGKYSQHDMNKALDLELKGDIKCLTTIVKCATSTPAFFAEKLYE
AMKGAGTRHKALIRIMVSRSEIDMNEIKVFYQKKYGISLCQAILDETCKGDYEKILVALC
GGN

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 Mouse ANXA1 full length protein (1-346aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. ANXA1, also known as ANX1 or LPC1 or annexin-annexin A1, 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.