

# Recombinant mouse Annexin A1/ANXA1 protein

Catalog Number: ATGP2995

## PRODUCT INFORMATION

---

### Expression system

E.coli

### Domain

1-346aa

### UniProt No.

P10107

### NCBI Accession No.

NP\_034860

### Alternative Names

Annexin I, Annexin-1, Calpactin II, Calpactin-2, Chromobindin-9, Lipocortin I, phospholipase A2 inhibitory protein, p35, Annexin Ac2-26, ANX1, LPC1

## PRODUCT SPECIFICATION

---

### Molecular Weight

41.1 kDa (369aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT

### Purity

> 95% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

---

### Description

Anxa1 also known as Annexin 1 belongs to the annexin family of Ca<sup>2+</sup>-dependent phospholipid-binding proteins that have a molecular weight of approximately 35, 000 to 40, 000 and are preferentially located on the cytosolic face of the plasma membrane. Anxa1 protein has an apparent relative molecular mass of 40 kDa, with phospholipase A2 inhibitory activity. Recombinant mouse Anxa1, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

## Recombinant mouse Annexin A1/ANXA1 protein

Catalog Number: ATGP2995

### Amino acid Sequence

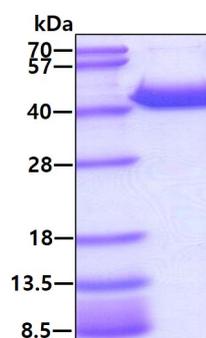
<MGSSHHHHH SSGLVPRGSH MGS>MAMVSEF LKQARFLENQ EQEYVQAVKS YKGGPGSAVS PYPSFNVSSD  
VAALHKAIMV KGVDEATIID ILTKRTNAQR QQIKAAYLQE NGKPLDEVLR KALTGHLEEV VLAMLKTPAQ FDADELRGAM  
KGLGTDEDTL IEILTTRSNE QIREINRVYR EELKRDLAKD ITSDTSGDFR KALLALAKGD RCQDLSVNQD LADTDARALY  
EAGERRKGTD VNVFTTILTS RSFPHLRRVF QNYGKYSQHD MNKALDLELK GDIEKCLTTI VKCATSTPAF FAEKLYEAMK  
GAGTRHKALI RIMVSRSEID MNEIKVFYQK KYGISLCQAI LDETkgDYEK ILVALCGGN

### General References

Wallner BP., et al. (1987) Nature, 320 (6057): 77-81.

## DATA

### SDS-PAGE



3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.