

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 Ca²⁺-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.

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Amino acid Sequence

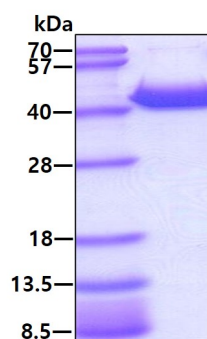
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KGLGTDEDTL IEILTTRSNE QIREINRVYR EELKRDLAKD ITSDTSGDFR KALLALAKGD RCQDLSVNQD LADTDARALY
EAGERRKGTD VNVFTTILTS RSFPHLRRVF QNYGKYSQHD MNKALDLELK GDIEKCLTTI VKCATSTPAF FAEKLYEAMK
GAGTRHKALI RIMVSRSEID MNEIKVIFYQK KYGISLCQAI LDETKGDYEK ILVALCGGN

General References

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.