



Annexin A1, Recombinant, Mouse, aa2-346, His-Tag (Anxa1)

Catalog number

370521

Supplier

United States Biological

Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis. This protein regulates phospholipase A2 activity. It seems to bind from two to four calcium ions with high affinity.

Source

Recombinant protein corresponding to aa2-346 from mouse Annexin A1, fused to His-Tag at N-terminal, expressed in E. coli.

Molecular Weight

~42.7kD

Amino Acid Sequence

AMVSEFLKQARFLENQEQEYVQAVKSYKGGPGSAVSPYPSFNVSSDVAALHKAIMVKGVDIIDIILTKRTNAQRQ
QIKAAYLQENGKPLDEVLRKALTGHLEEVVLA MLKTPAQFDADELRGAMKGLGTDEDTLIEILTTRSNEQIREINRVY
REELKRD LAKDITSDTSGDFRKALLALAKGDRQCQLSVNQDLADTDARALYEAGERRKGT DVNVFTILT SRSFPHL
RRVFQNYGKYSQHDMNKALDLELKGDI EKCLTTIVKCATSTPAFFAEKLYEAMK GAGTRHKALIRIMVSRSEIDMNEI
KV FYQKKYGISLCQAILDETKGDYEKILVALCGGN

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 6 months after receipt at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Formulation

Supplied as a liquid in Tris, 50% glycerol.

Purity

≥90% (SDS-PAGE)

Grade

Purified

Storage

-20°C

MW

42.7



Antigen Modification

Recombinant, E. coli

Reference

1. SIRT5-mediated lysine desuccinylation impacts diverse metabolic pathways. Park J., Chen Y., Tishkoff D.X., Peng C., Tan M., Dai L., Xie Z., Zhang Y., Zwaans B.M., Skinner M.E., Lombard D.B., Zhao Y. *Mol. Cell* 50:919-930(2013).