

Product information

Anxa1, 1-346aa

Mouse, His-tagged, Recombinant, *E.coli*

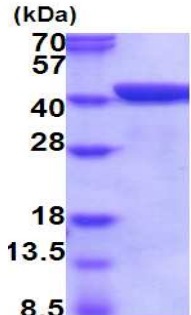
Cat. No. IBATGP2995

Full name: Annexin A1

NCBI Accession No.: NP_034860

Synonyms: Anx-1, Anx-A1, C430014K04Rik, Lpc-1, Lpc1

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.

<p>Form: Liquid, In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT</p> <p>Molecular Weight: 41.1kDa (369aa) confirmed by MALDI-TOF</p> <p>Purity: > 95% by SDS - PAGE</p> <p>Concentration: 1mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGSSHHHHH SSGLVPRGSH MGSAMVSEF LKQARFLENQ EQEYVQAVKS YKGGPGSAVS PYPSFNVSSD VAALHKAIMV KGVDEATIID ILTKRTNAQR QQIKAAYLQE NGKPLDEVLR KALTGHLEEV VLAMLKTPAQ FDADELRGAM KGLGTDEDTL IEILTTRSNE QIREINRVYR EELKRDALAKD ITSDTSGDFR KALLALAKGD RCQQLSVNQD LADTDARALY EAGERRKGTD VNVFTTILTS RSFPHLRRVF QNYGKYSQHD MNKALDLELK GDIEKCLTTI VKCATSTPAF FAEKLYEAMK GAGTRHKALI RIMVSRSEID MNEIKVFYQK KYGISLCQAI LDETKGDYEK ILVALCGGN</p>	

General references:

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

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
 Avoid repeated freezing and thawing cycles

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.