

AR09336PU-L

Human Annexin A3 / ANXA3 (1-323) - Purified

Alternate names:

2-cyclic phosphate 2-phosphohydrolase, 35-alpha calcimedlin, ANX3, Annexin III, Annexin-3, Inositol 1, Lipocortin III, PAP-III, Placental anticoagulant protein III

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

Annexin A3, also known as ANXA3, belongs to the calcium dependent phospholipid binding protein family which play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions in the inhibition of phospholipase A2 and cleavage of inositol 1, 2 cyclic phosphates to form inositol 1 phosphate. It has been reported for the signaling cascade in rat liver regeneration.

Uniprot ID:

[P12429](#)

NCBI:

[NP_005130](#)

GeneID:

[306](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT, 10% glycerol

Description:

Recombinant human ANXA3 was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MASIWVGHGRG TVRDYPDFSP SVDAEAIQKA IRGIGTDEKM LISILTERSN AQRQLIVKEY
QAAYGKELKD DLKGDLSGHF EHLMLVALVTP PAVFDAKQLK KSMKGAGTNE DALIEILTTR
TSRQMKDISQ AYYTVYKSL GDDISSETSG DFRKALLTLA DGRRDESLKV DEHLAKQDAQ
ILYKAGENRW GTDEDKFTEI LCLRSFPQLK LTFDEYRNIS QKDIVDSIKG ELSGHFEDLL
LAIVNCVRNT PAFLAERLHR ALKGIGTDEF TLNRMVSRS EIDLLDIRTE FKKHYGYSLY
SAIKSDTSGD YEITLLKICG GDD

Molecular weight: 36.3 kDa

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Harashima M., et al. (2008) J Biochem. 143(4):537-45.

Pictures:

Recombinant human Annexin A3 (1-323
aa): 15% SDS-PAGE (3 µg)

