

AR09349PU-L

Human Annexin A4 / ANXA4 (1-321) - Purified

Alternate names:

35-beta calcimedin, ANX4, Annexin IV, Annexin-4, Carbohydrate-binding protein p33/p41, Chromobindin-4, Endonexin I, Lipocortin IV, P32.5, PAP-II, PP4-X, Placental anticoagulant protein II, Protein II

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

ANXA4 belongs to the annexin family of calcium-dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. Isolated from human placenta, this protein has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANXA4 is almost exclusively expressed in epithelial cells.

Uniprot ID:

[P09525](#)

NCBI:

[NP_001144](#)

GeneID:

[307](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.2M NaCl

Description:

Recombinant ANXA4 protein was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MAMATKGGTV KAASGFNAME DAQTLRKAMK GLGTDEDAII SVLAYRNTAQ RQEIRTAYKS
TIGRDLIDDL KSELSGNFEQ VIVGMMTPV LYDVQELRRA MKGAGTDEGC LIEILASRTP
EEIRRISQTY QQYGRSLED DIRSDTSFMF QRVLVLSL SAG GRDEGNYLDD ALVRQDAQDL
YEAGEKKWGT DEVKFLTVLC SRNRNHLH V FDEYKRISQK DIEQSIKSET SGSFEDALLA
IVKCMRNKSA YFAEKLYKSM KGLGTDDNTL IRVMVSRAEI DMLDIRAHFK RLYGKSLYSF
IKGDTSGDYR KVLLVLCGGD D

Molecular weight: kDa (321 aa)

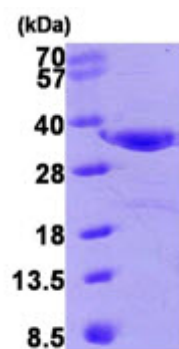
Storage:

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.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human Annexin A4, 1-321
aa: 15% SDS-PAGE (3 µg)

