

## 32-3199: ANXA4 Recombinant Protein

**Alternative Name :** ANX4,ANXA4,Annexin-IV,Lipocortin-4,Lipocortin-IV,Annexin-4,Annexin A4,Endonexin I,Chromobindin-4,Protein II,P32.5,Placental anticoagulant protein II,PAP-II,PP4-X,35-beta calcimedlin,Carbohydrate-binding protein p33/p41,PIG28,ZAP36

### Description

Source : Escherichia Coli. ANXA4 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 321 amino acids (1-321 a.a.) and having a molecular mass of 36 kDa. ANXA4 is purified by proprietary chromatographic techniques. ANXA4 is part of the annexin family of calcium-dependent phospholipid binding proteins. ANXA4 has 45%-59% identity with other proteins of its family and shares a related size and exon-intron organization. ANXA4 interacts with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANXA4 is exclusively expressed in epithelial cells. ANXA4 is a Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The ANXA4 protein solution contains 20mM Tris-HCl, pH-8 and 20% glycerol, 0.2M NaCl.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MAMATKGGTV KAASGFNAME DAQTLRKAMK GLGTDEDAIL SVLAYRNTAQ RQEIRTAYKS TIGRDLIDDL KSELSGNFEQ VIVGMMTPTV 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.

