
Product Data Sheet

Product Name: ANXA4 Human

Cat. No.: GP22733

Batch No.: 1

Product Data

Purity >98%

Source Escherichia Coli.

Physical
Appearance solidShipping
Condition Shipped with Ice Packs.

Synonyms 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; MGC75105; DKFZp686H02120.

Amino Acid
Sequence MAMATKGGTV KAASGFNAME DAQTLRKAMK GLGTDEDALII SVLAYRNTAQ
RQEIRTAYKS TIGRDLIDDL KSELSGNFEQ VIVGMMTPTV LYDVQELRRA
MKGAGTDEGC LIEILASRTP EEIRRISQTY QQYGRSLED DIRSDTSFMF
QRVLVLSLSAG GRDEGNYLDD ALVRQDAQDL YEAGEKKWGT DEVKFLTVLC
SRNRNLLLHV FDEYKRISQK DIEQSIKSET SGSFEDALLA IVKCMRNKSA
YFAEKLYKSM KGLGTDDNTL IRVMVSRAEI DMLDIRAHFK RLYGKSLYSF
IKGDTSGDYR KVLLVLCGGD D.

Formulation The ANXA4 protein solution contains 20mM Tris-HCl, pH-8 and 20% glycerol, 0.2M NaCl.

Introduction

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.

Stability

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%

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA