

Human Annexin A3

Synonyms: ANX3, ANXA3, Annexin-III, Lipocortin-3, Lipocortin-III, Annexin-3, Annexin A3, Placental anticoagulant protein III, PAP-III, 35-alpha calcimedlin, Inositol 1,2-cyclic phosphate 2-phosphohydrolase.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	4079.950.005		
20 µg	4079.950.020		
1 mg	4079.950.199		

Please enquire for bulk quantities and other vial sizes

Description

Recombinant Human Annexin A3 (ANXA3) produced in E.Coli is a non-glycosylated protein consisting of 323 amino acids (1-323 a.a.) and a molecular mass of 36.3 kDa. It is part of the annexin family which are members of the calcium-dependent phospholipid-binding protein family that are involved in the regulation of cellular growth and in signal transduction pathways. Annexin A3 (ANXA3) is an inhibitor of phospholipase A2 and possesses anti-coagulant properties. Annexin A3 (ANXA3) cleaves the cyclic bond of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. Human Annexin A3 (ANXA3) takes part as an anti-coagulation factor.

- **Source** *E. Coli*
- **Purity** ≥ 90 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Tris-HCl (20mM, pH-7,5), DTT (1mM), glycerol (10%)*
- **Physical state** Sterile filtered solution

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% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

MASIWVGHGRG TVRDYPDFSP SVDAEAIQKA IRGIGTDEKM LISILTERSN AQRQLIVKEY QAAYGKELKD
 DLKGDLSGHF EHLMVALVTP PAVFDAKQLK KSMKGAGTNE DALIEILTTR TSRQMKDISQ AYYTVYKKS
 GDDISSETSG DFRKALLTLA DGRRDESLKV DEHLAKQDAQ ILYKAGENRW GTDEDKFTEI LCLRSFPQLK
 LTFDEYRNIS QKDIVDSIKG ELSGHFEDLL LAIVNCVRNT PAFLAERLHR ALKGIGTDEF TLNRIMVSRS
 EIDLDIRTE FKKHYGYSLY SAIKSDTSGD YEITLLKICG GDD

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING
 Tel.: +49 40 43208448-0
 order@active-bioscience.de
 www.active-bioscience.de

TECHNICAL SUPPORT
 Tel.: +49 40 43208448-11
 support@active-bioscience.de

Active Bioscience GmbH
 Oberaltenallee 8
 D-22081 Hamburg
 HRB 98170 Amtsgericht Hamburg