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ANXA3 Human

Catalog #:PRPS-772

For research use only.

Description:ANXA3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 323 amino acids (1-323 a.a.) and having a molecular mass of 36.3 kDa.ANXA3 is purified by proprietary chromatographic techniques.

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

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence:MASIWVGHRG TVRDYPDFSP SVDAEAIQKA IRGIGTDEKM LISILTERSN AQRQLIVKEY QAAYGKELKD DLKGDLSGHF EHLMVALVTP PAVFDAKQLK KSMKGAGTNE DALIEILTTR TSRQMKDISQ AYYTVYKKSL GDDISSETSG DFRKALLTLA DGRRDESLKV DEHLAKQDAQ ILYKAGENRW GTDEDKFTEI LCLRSFPQLK LTFDEYRNIS QKDIVDSIKG EL

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:
The ANXA3 protein solution contains 20mM Tris-HCl, pH-7.5, 1mM DTT and 10% glycerol.

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).Avoid multiple freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
ANXA3 is an inhibitor of phospholipase A2. ANXA3 possesses anti-coagulant properties. ANXA3 cleaves the cyclic bond of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. ANXA3 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. ANXA3 takes part as an anti-coagulation factor.

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