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ANXA8 Human

Catalog #:PRPS-555

For research use only.

Description:ANXA8 Human Recombinant produced in E.Coli is a signle, non-glycosylated, polypeptide chain containing 347 amino acids (1-327 a.a.)and having a total molecular mass of 39 kDa. ANXA8 is fused to a 20 amino acid His Tag at N-terminus and is purified by proprietary chromatographic techniques.

Synonyms:ANX8, Annexin-8, Annexin VII, Vascular anticoagulant-beta, VAC-beta.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MAWWKSWIEQ EGVTVKSSSH FNPDPDAETL YKAMKGIGTN EQAIIDVLTK RSNTQRQQIA KSFKAQFGKD LTETLKSELS GKFERLIVAL MYPPYRYEAK ELHDAMKGLG TKEGVIIEIL ASRTKNQLRE IMKAYEEDYG SSLEEDIQAD TSGYLERILV CLLQGSRDDV SSFVDPGLAL QDAQDLYAAG EKIRGTDEMK FITILCTRSA TH

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
The ANXA8 1mg/ml protein solution contains 20mM Tris-HCL pH-8, 1mM DTT,1mM EDTA, 0.1M NaCl 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. Please avoid 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:
ANXA8 is part of the annexin family of evolutionarily conserved Ca2+ and phospholipid binding proteins. ANXA8 is an anticoagulant protein that functions as an indirect inhibitor of the thromboplastin-specific complex, which takes part in the blood coagulation cascade. Where co-expressed in the same tissues, ANXA8 is expressed at a 100-fold lower level than Annexin A5. Thoµgh, ANXA8 is preferentially expressed in acute promyelocytic leukemia (APL) cells which sµggests its involvement in hematopoietic cell differentiation.

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