
Product Data Sheet

Product Name: ANXA8 Human
 Cat. No.: GP22738
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	ANX8; Annexin-8; Annexin VII; Vascular anticoagulant-beta; VAC-beta.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MAWWKSWIEQ EGVTVKSSSH FNPDPDAETL YKAMKGIGTN EQAIIDVLTK RSNTQRQQA KSFKAQFGKD LTETLKSELS GKFERLIVAL MYPPYRYEAK ELHDAMKGLG TKEGVIIIEIL ASRTKNQLRE IMKAYEEDYG SSLEEDIQAD TSGYLERILV CLLQGSRDDV SSFVDPGLAL QDAQDLYAAG EKIRGTDEMK FITILCTRSA THLLRVFEEY EKIANKSIED SIKSETHGSL EEAMLTVVKC TQNLHSYFAE RLYYAMKGAG TRDGTILIRNI VSRSEIDLNL IKCHFCKMYG KTLSSMIMED TSGDYKNALL SLVGSDP.		
Formulation	The ANXA8 1mg/ml protein solution contains 20mM Tris-HCL pH-8, 1mM DTT, 1mM EDTA, 0.1M NaCl and 10% Glycerol.		

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. Though, ANXA8 is preferentially expressed in acute promyelocytic leukemia (APL) cells which suggests its involvement in hematopoietic cell differentiation.

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.

Background

ANXA8 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide

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

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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.

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