

32-3204: ANXA8 Recombinant Protein

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

Description

Source : Escherichia Coli. ANXA8 Human Recombinant produced in E.Coli is a single, 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The ANXA8 1mg/ml protein solution contains 20mM Tris-HCL pH-8, 1mM DTT,1mM EDTA, 0.1M NaCl and 10% Glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAWWKSWIEQ EGVTVKSSSH FNPDPDAETL YKAMKGIGTN EQAIIDVLTK RSNTQRQQA KSFKAQFGKD LTETLKESELS GKFERLIVAL MYPPYRYEAK ELHDAMKGLG TKEGVIIIEIL ASRTKNQLRE IMKAYEEDYG SSLEEDIQAD TSGYLERILV CLLQGSRDDV SSFVDPGLAL QDAQDLYAAG EKIRGTDEMK FITILCTRSA THLLRVFEEY EKIANKSIED SIKSETHGSL EEAMLTVVKC TQNLHSYFAE RLYYAMKGAG TRDGLIRNI VSRSEIDLNL IKCHFCKMYG KTLSSMIMED TSGDYKNALL SLVGSDP.