

Annexin A8/ANXA8 Protein, Human (His)

Cat. No.:	HY-P75505
Synonyms:	Annexin A8; Annexin VIII; ANXA8; ANX8; VAC-beta
Species:	Human
Source:	E. coli
Accession:	P13928 (M1-P327)
Gene ID:	653145
Molecular Weight:	Approximately 38 kDa

PROPERTIES

AA Sequence	<pre> M A W W K S W I E Q E G V T V K S S S H F N P D P D A E T L Y K A M K G I G T N E Q A I I D V L T K R S N T Q R Q Q I A K S F K A Q F G K D L T E T L K S E L S G K F E R L I V A L M Y P P Y R Y E A K E L H D A M K G L G T K E G V I I E I L A S R T K N Q L R E I M K A Y E E D Y G S S L E E D I Q A D T S G Y L E R I L V C L L Q G S R D D V S S F V D P G L A L Q D A Q D L Y A A G E K I R G T D E M K F I T I L C T R S A T H L L R V F E E Y E K I A N K S I E D S I K S E T H G S L E E A M L T V V K C T Q N L H S Y F A E R L Y Y A M K G A G T R D G T L I R N I V S R S E I D L N L I K C H F K K M Y G K T L S S M I M E D T S G D Y K N A L L S L V G S D P </pre>
Biological Activity	Data is not available.
Appearance	Lyophilized powder.
Formulation	Lyophilized from sterile 50 mM Tris-HCL, 300 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Annexin A8 (ANXA8) protein functions as an anticoagulant, operating as an indirect inhibitor of the thromboplastin-specific
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complex within the blood coagulation cascade. Its regulatory role in modulating the thromboplastin-specific complex emphasizes its significance in influencing key components of the coagulation pathway, suggesting its potential contribution to the delicate balance between procoagulant and anticoagulant factors in blood clotting processes. ANXA8's ability to intervene in thromboplastin-related interactions underscores its importance as a modulator in the intricate network of regulatory mechanisms that govern blood coagulation, shedding light on its potential therapeutic implications in managing coagulation disorders.

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

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