

Recombinant Human Annexin A8, His-tagged

Cat. No. ANXA8-2798H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ANXA8 protein (1-327aa), fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-327 a.a.
Description	ANXA8, also known as Annexin A8, a member of the annexin family of evolutionarily conserved Ca ²⁺ and phospholipid binding proteins. This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.
Sequences	MGSSHHHHHH SSGLVPRGSH MAWWKSWIEQ EGVTVKSSSH FNPDPDAETL YKAMKGIGTN EQAIIDVLTK RSNTQRQQIA KSFKAQFGKD LTETLKSELS GKFERLIVAL MYPPYRYEAK ELHDAMKGLG TKEGVIIIL ASRTKNQLRE IMKAYEEDYG SSLEEDIQAD TSGYLERILV CLLQGSRDDV SSFVDPGLAL QDAQDLYAAG EKIRGTDEMK FITILCTRSA THLLRVFEY EKIANKSIED SIKSETHGSL EEAMLTVVKC TQNLHSYFAE RLYYAMKGAG TRDGTILRNI VSRSEIDLNL IKCHFCKMYG KTLSSMIMED TSGDYKNALL SLVGSDP.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl, 1mM DTT, 10% glycerol, 1mM EDTA.

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Molecular Weight	39.0 kDa (347aa),confirmed by MALDI-TOF.
Purity	> 90% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	ANXA8 annexin A8 [Homo sapiens]
Synonyms	ANXA8; annexin A8; ANX8; FLJ53095
Gene ID	653145
mRNA Refseq	NM_001040084
Protein Refseq	NP_001035173
MIM	602396
UniProt ID	Q5VTM3
Chromosome Location	10q11.22

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**Structure of human
annexin III.**

