

## 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<sup>2+</sup> 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 TKEGVIIIEIL ASRTKNQLRE  
IMKAYEEDYG SSLEEDIQAD TSGYLERILV CLLQGSRDDV SSFVDPGLAL  
QDAQDLYAAG EKIRGTDEMK FITILCTRSA THLLRVFEEY EKIANKSIED  
SIKSETHGSL EEAMLTVVKC TQNLHSYFAE RLYYAMKGAG TRDGLTIRNI  
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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<b>Molecular Weight</b>	39.0 kDa (347aa), confirmed by MALDI-TOF.
<b>Purity</b>	> 90% by SDS – PAGE.
<b>Concentration</b>	1 mg/ml (determined by Bradford assay).
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">ANXA8 annexin A8 [ Homo sapiens ]</a>
<b>Synonyms</b>	ANXA8; annexin A8; ANX8; FLJ53095
<b>Gene ID</b>	<a href="#">653145</a>
<b>mRNA Refseq</b>	<a href="#">NM_001040084</a>
<b>Protein Refseq</b>	<a href="#">NP_001035173</a>
<b>MIM</b>	<a href="#">602396</a>
<b>UniProt ID</b>	<a href="#">Q5VTM3</a>
<b>Chromosome Location</b>	10q11.22

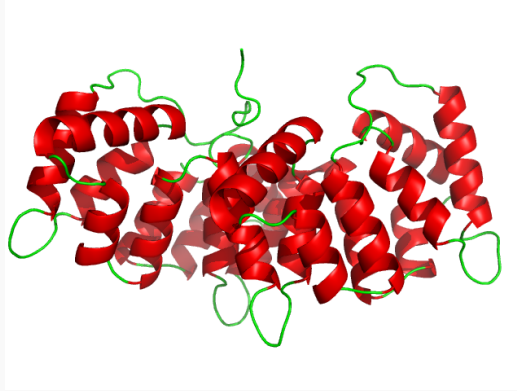
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**Structure of human  
annexin III.**



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