

Recombinant Full Length Human ANXA5 Protein, GST-tagged

Cat. No. ANXA5-1521HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANXA5 full-length ORF (AAH01429, 1 a.a. - 320 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	320 amino acids
Description	The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII. The gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa. [provided by RefSeq, Jul 2008]
Molecular Mass	60.94 kDa
AA Sequence	MAQVLRGTVT DFPGFDERAD AETLRKAMKG LGTDEESILT LLTSRSNAQR QEISAAFKTL FGRDLLDDLK SELTGKFEKL IVALMKPSRL YDAYELKHAL KGAGTNEKVL TEIIASRTPE ELRAIKQVYE EEYGSSLEDD VVGDTSGYYQ

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RMLVVLLQAN RDPDAGIDEA QVEQDAQALF QAGELKWGTD EEKFITIFGT
 RSVSHLRKVF DKYMTISGFQ IEETIDRETS GNLEQLLLAV VKSIRSIPAY
 LAETLYYAMK GAGTDDHTLI RVMVSRSEID LFNIRKEFRK NFATSLYSMI
 KGDTSGDYKK ALLLLCGEDD

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[ANXA5 annexin A5 \[Homo sapiens \]](#)

Official Symbol

[ANXA5](#)

Synonyms

ANXA5; annexin A5; ANX5, ENX2; CBP-I; PAP-I; VAC-alpha; annexin V; annexin-5;
 anchorin CII; endonexin II; lipocortin V; calphobindin I; thromboplastin inhibitor;
 vascular anticoagulant-alpha; placental anticoagulant protein 4; placental
 anticoagulant protein I; PP4; ANX5; ENX2

Gene ID

[308](#)

mRNA Refseq

[NM_001154](#)

Protein Refseq

[NP_001145](#)

MIM

[131230](#)

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UniProt ID

P08758

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