

Datasheet for ABIN935066

Annexin V Protein (AA 1-320)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Annexin V (ANXA5)
Protein Characteristics:	AA 1-320
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MAQVLRGTVT DFPGFDERAD AETLRKAMKG LGTDEESILT LLTSRSNAQR QEISAAFKTL
FGRDLLDDLK SELTGKFEKL IVALMKPSRL YDAYELKHAL KGAGTNEKVL TEIIASRTPE
ELRAIKQVYE EEEYSSLEDD VVGDTSGYYQ RMLVLLQAN RDPDAGIDEA QVEQDAQALF
QAGELKWGTD EEKFITIFGT RSVSHLRKVF DKYMTISGFQ IEETIDRETS GNLEQLLLAV
VKSIRSIPAY LAETLYYAMK GAGTDDHTLI RVMVSRSEID LFNIRKEFRK NFATSLYSMI
KGDTSGDYKK ALLLLCGEDD

Characteristics: Purified recombinant Human Annexin A5 protein
Expression System: E.coli

Purity: > 95 % pure

Target Details

Target: Annexin V (ANXA5)

Target Details

Alternative Name:	Annexin A5 (ANXA5 Products)
Target Type:	Chemical
Background:	<p>Annexin A5, also known as Annexin V, 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 A5 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. 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. Recombinant Annexin A5 protein was expressed in E. coli and purified by using conventional chromatography techniques.</p> <p>Alternative Names: Annexin A5, Annexin V protein, Annexin A-5 protein, ANX5 protein, ANX A5 protein, Calphobindin I protein, Annexin A-5, Lipocortin V protein, Annexin 5 protein, Annexin A 5 protein, ENX2 protein, Anchorin CII protein, PAP I protein, PP4 protein, Annexin A 5, Placental anticoagulant protein I., Annexin A5 protein, Endonexin II protein</p>
Molecular Weight:	35.9 kDa (320 AA)
Pathways:	Apoptosis

Application Details

Application Notes:	Annexin A5 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.
Restrictions:	For Research Use only

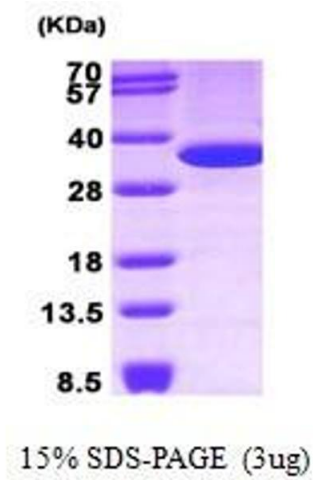
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 0 mM DTT, and 10 % glycerol.
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C

Handling

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.

Images



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.