

Datasheet for ABIN935028

Annexin a1 Protein (AA 1-346)[Go to Product page](#)**1** Image

Overview

Quantity:	20 µg
Target:	Annexin a1 (ANXA1)
Protein Characteristics:	AA 1-346
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MAMVSEFLKQ AWFIEEEEQE YVQTVKSSKG GPGSAVSPYP TFNPSSDVAA LHKAIMVKGV DEATIIDLIT KRNNQRQKI KAAYLQETGK PLDETLKKAL TGHLEEVVLA LLKTPAQFDA DELRAAMKGL GTDEDTLIEI LASRTNKEIR DINRVYREEL KRDLAKDITS DTSGDFRNAL LSLAKGDRSE DFGVNEDLAD SDARALYEAG ERRKGTDVNV FNTILTTRSY PQLRRVFQKY TKYSKDHMNMK VLDLELKGDI EKCLTAIVKC ATSKPAFFAE KLHQAMKGVG TRHKALIRIM VSRSEIDMND IKAFYQKMYG ISLCQAILDE TKG DY EKILV ALCGGN
Characteristics:	Purified recombinant Human Annexin A1 protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 90 % pure

Target Details

Target:	Annexin a1 (ANXA1)
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Target Details

Alternative Name: [Annexin A1 \(ANXA1 Products\)](#)

Target Type: Chemical

Background: Annexin A1, also known as Lipocortin I, belongs to a family of Ca²⁺-dependent phospholipid binding proteins that are preferentially located on the cytosolic face of the plasma membrane. It promotes membrane fusion and is also involved in exocytosis. Since Annexin A1 has phospholipase A2 inhibitory activity to bind from two to four calcium ions with high affinity, this protein may have potential anti-inflammatory activity. The detection of this protein by immunocytochemical means reportedly provides a simple, highly sensitive and specific assay for diagnosis of hairy cell leukemia. Recombinant human Annexin A1 protein was expressed in *E. coli* and purified by using conventional chromatography.

Alternative Names: Annexin A-1, AnnexinI protein, Chromobindin9 protein, Chromobindin-9 protein, Lipocortin I protein, Phospholipase A2 inhibitory protein protein, HGNC:533 protein, Annexin I protein, Lipocortin 1 protein, Annexin A 1, ANXA 1 protein, Calpactin II protein, CalpactinIII protein, p35 protein, , AnnexinA1 protein, Annexin A1, LipocortinI protein, Lipocortin1 protein, ANX1 protein, LPC 1 protein, ANX 1 protein, Lipocortin I protein, ANX A1 protein, Annexin A 1 protein, ANXA1 protein, Chromobindin 9 protein, ANXA1 protein protein, LPC1 protein, Annexin-1 protein, Annexin A-1 protein

Molecular Weight: 38.7 kDa (346 AA)

Pathways: [Hormone Transport](#)

Application Details

Application Notes: Annexin A1 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 100 mM NaCl, 0 mM DTT, and 10 % glycerol.

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which

Handling

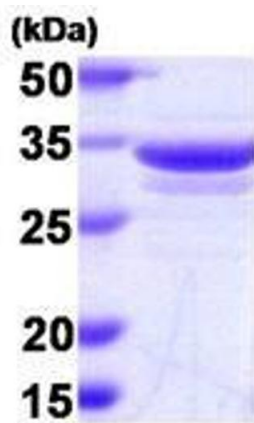
should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

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



15% SDS-PAGE (3ug)

SDS-PAGE

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