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Datasheet for ABIN7504971

Annexin a1 Protein (AA 2-346)

Overview

Quantity:	100 µg
Target:	Annexin a1 (ANXA1)
Protein Characteristics:	AA 2-346
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Sequence:	Ala 2-Asn 346
Characteristics:	Recombinant Human Annexin A1 is produced by our E.coli expression system and the target gene encoding Ala2-Asn346 is expressed.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	<1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	Annexin a1 (ANXA1)
Alternative Name:	Annexin A1 (ANXA1 Products)
Background:	Background: Annexin A1 is the first characterized member of the annexin family of proteins and is able to bind to cellular membranes in a calcium-dependent manner, promoting membrane fusion and endocytosis. Annexin A1 has anti-inflammatory properties and inhibits phospholipase A2 activity. Annexin A1 also has roles in many diverse cellular functions, such as

Target Details

membrane aggregation, inflammation, phagocytosis, proliferation, apoptosis, and tumorigenesis and cancer development. ANXA1 is strongly expressed on the cell membrane and occasionally in the cytoplasm of tumor cells in 97 % of samples from patients with hairy cell leukemia.

Synonym: Annexin A1, Annexin I, Annexin-1, Calpactin II, Calpactin-2, Chromobindin-9, Lipocortin I, Phospholipase A2 Inhibitory Protein, p35

Molecular Weight: 38.6 kDa

UniProt: [P04083](#)

Pathways: [Hormone Transport](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months