

Datasheet for ABIN7273843

**Annexin a1 Protein (AA 2-346) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Annexin a1 (ANXA1)
Protein Characteristics:	AA 2-346
Origin:	Cynomolgus
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Annexin a1 protein is labelled with His tag.

## Product Details

Purpose:	Cynomolgus ANXA1 Protein
Sequence:	Ala2-Asn346
Characteristics:	Recombinant Cynomolgus ANXA1 Protein is expressed from E.coli with His tag at the C-Terminus.It contains Ala2-Asn346.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	Annexin a1 (ANXA1)
Alternative Name:	ANXA1 ( <a href="#">ANXA1 Products</a> )

## Target Details

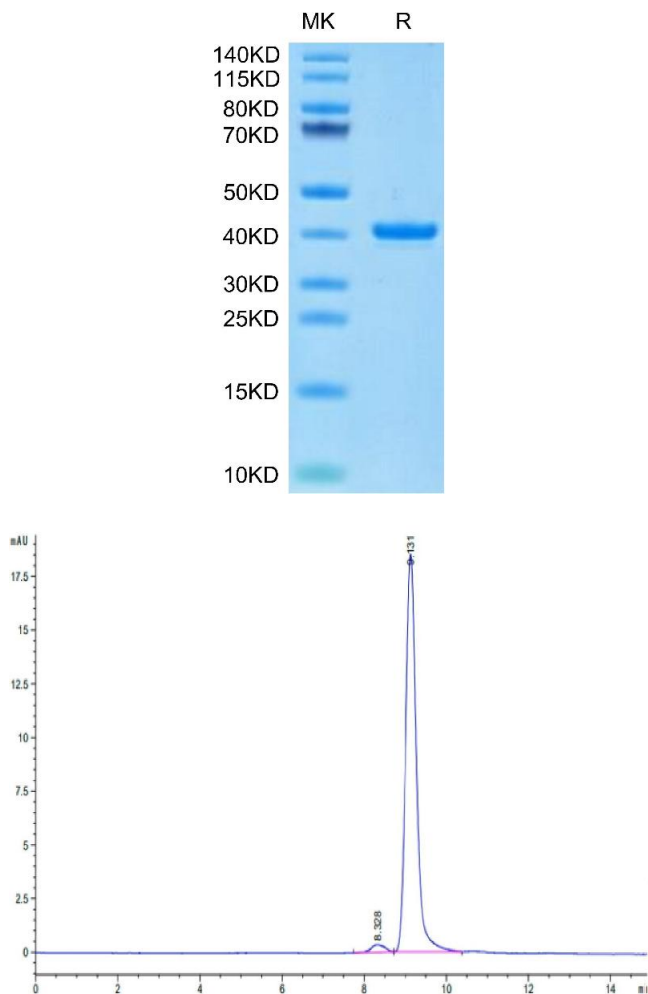
Background:	Atherosclerosis, characterized by the formation of fat-laden plaques, is a chronic inflammatory disease. ABCA1 promotes cholesterol efflux, reduces cellular cholesterol accumulation, and regulates anti-inflammatory activities in an apoA-I- or ANXA1-dependent manner. The latter activity occurs by mediating the efflux of ANXA1, which plays a critical role in anti-inflammatory effects, cholesterol transport, exosome and microparticle secretion, and apoptotic cell clearance.
Molecular Weight:	39.69 kDa same as Tris-Bis PAGE result.
NCBI Accession:	<a href="#">XP_005581995</a>
Pathways:	<a href="#">Hormone Transport</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Cynomolgus ANXA1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Cynomolgus ANXA1 is greater than 95 % as determined by SEC-HPLC.