

Datasheet for ABIN7273845

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

Overview

Quantity:	100 µg
Target:	Annexin a1 (ANXA1)
Protein Characteristics:	AA 1-346
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Annexin a1 protein is labelled with His tag.

Product Details

Purpose:	Human ANXA1 Protein
Sequence:	Met1-Asn346
Characteristics:	Recombinant Human ANXA1 Protein is expressed from E.coli with His tag at the C-Terminus.It contains Met1-Asn346.
Purity:	> 95 % as determined by Tris-Bis PAGE
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 (ANXA1 Products)

Target Details

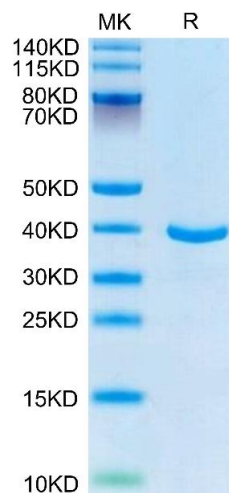
Background:	Atherosclerosis, characterized by the formation of fat-laden plaques, is a chronic inflammatory disease. ABCA1 promotes cholesterol efflux, reduces cellular cholesterol accumulation, and regulates anti-inflammatory activities in an apoA-I- or ANXA1-dependent manner. The latter activity occurs 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:	39.5 kDa same as Tris-Bis PAGE result.
UniProt:	P04083
Pathways:	Hormone Transport

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. Human ANXA1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .