

Mouse ANXA1 Protein

Cat. No. ANX-ME1A1

Description

Source	Recombinant Mouse ANXA1 Protein is expressed from E.coli with His tag at the C-Terminus. It contains Met1-Asn346.
Accession	P10107
Molecular Weight	The protein has a predicted MW of 39.6 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in 20mM Tris, 150mM NaCl (pH 8.2).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

Assay Data

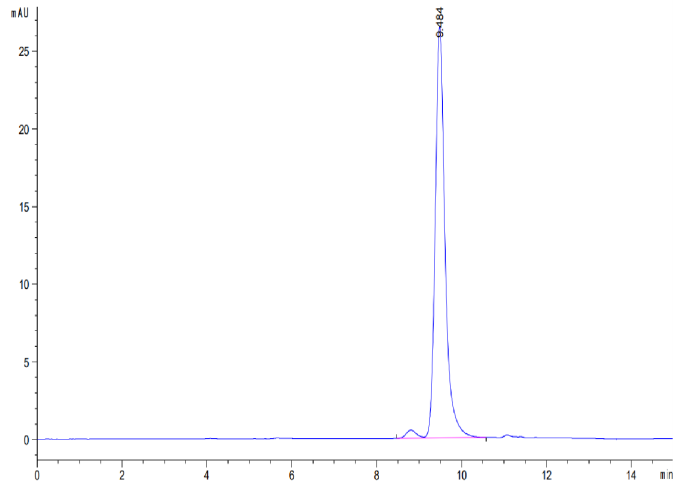
Bis-Tris PAGE



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

SEC-HPLC

Assay Data



The purity of Mouse ANXA1 is greater than 95% as determined by SEC-HPLC.