

Recombinant Rabbit Serum Amyloid A-1 Protein (SAA1), N-His

Cat. No.: AP4C448

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Rabbit Serum Amyloid A-1 Protein (SAA1), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 13.2 kDa. The purity is > 97%.

Specifications

Type	Recombinant Protein
Species	Oryctolagus cuniculus (Rabbit)
Expression System	<i>E.coli</i>
Purity	> 97%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	13.2 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

Rabbit Serum Amyloid A-1 Protein (SAA1) is an acute-phase protein primarily synthesized in the liver in response to inflammatory stimuli. It plays a significant role in the immune response by promoting the recruitment and activation of leukocytes. SAA1 is known to induce the expression of various inflammatory mediators, including cytokines, chemokines, and matrix-degrading proteases. In rabbits, SAA1 levels can increase dramatically during inflammation, making it a useful biomarker for monitoring inflammatory conditions. Additionally, SAA1 has been shown to have antimicrobial properties and can modulate immune responses through interactions with receptors such as TLRs and FPR2. Its multifunctional nature highlights its importance in both inflammatory and infectious disease processes.

Protein	Rabbit Serum Amyloid A-1 Protein (SAA1)
Protein Synonym	SAA1
EC No.	P53614

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.