

[Go to Product page](#)

Datasheet for ABIN7319466 **SAA4 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	SAA4
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SAA4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SAA4 Protein (His Tag)
Sequence:	Glu19-Thr130
Characteristics:	Recombinant Human Serum Amyloid A4 Protein is produced by our E.coli expression system and the target gene encoding Glu19-Thr130 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SAA4
Alternative Name:	SAA4 (SAA4 Products)
Background:	Background: Serum Amyloid A-4 Protein (SAA4) is a member of the SAA family. SAA proteins are a family of apolipoproteins associated with high-density lipoprotein (HDL) in plasma. SAA4 is constitutively expressed only in humans and mice. Its physiological function is unknown.

Target Details

SAA4 functions as a major acute phase reactant. SAA4 mRNA and protein occurrence in macrophage derived foam cells of coronary and carotid arteries implied a specific role of human SAA4 during inflammation including atherosclerosis.

Synonym: Serum Amyloid A-4 Protein, Constitutively Expressed Serum Amyloid A Protein, C-SAA, SAA4, CSAA

Molecular Weight: 14 kDa

UniProt: [P35542](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris, 200 mM NaCl, 0.5 mM EDTA, 20 % Glycerol, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.