

Datasheet for ABIN935223 **SAA1 Protein**



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Overview

Quantity:	50 µg
Target:	SAA1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	MRSFFSFLGE AFDGARDMWR AYSDMREANY IGSDKYFHAR GNYDAAKRGF GGVWAAEAI DARENIQRFF GHGAEDSLAD QAANEWGRSG KDPNHFRPAG LPEKY
Characteristics:	Purified recombinant Human ApoSAA1 protein Expression System: E.coli Bioactivity: Determined by its ability to chemoattract human monocytes using a concentration range of 10.0-10.0 ng/mL.
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	SAA1
Abstract:	SAA1 Products
Background:	Serum amyloid A proteins (SAA) represents a family of apolipoproteins that circulates in

Target Details

association with high-density lipoproteins (HDL). The level of apo-SAA, normally 1-5 ug/ml in plasma, increases 500-1000 fold within 24 hours of an inflammatory stimulus and, under these conditions, is the most abundant HDL apo-lipoprotein. The human SAA gene codes for a 122 amino acid nonglycosylated polypeptide, which contains an 18 amino acid N-terminal sequence.

Alternative Names: Apo SAA-1 protein, Human Serum Amyloid A protein, ApoSAA-1, ApoSAA-1 protein, ApoSAA 1 protein, ApoSAA 1, ApoSAA1

Molecular Weight: 11.7 kDa

Pathways: [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in water to a concentration of 0.1 - 1.0 mg/mL.

Buffer: Supplied lyophilized with no additives.

Preservative: Without preservative

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.