

SAA1

Recombinant Human APO-Serum Amyloid A

Catalog No.	CRS300-500	Quantity:	0.5 mg
	CRS300A		10 µg
	CRS300B		50 µg
	CRS300C		1.0 mg

Alternate Names: Human Apo-SAA, Apo-SAA, ApoSAA, Apo SAA, h-Apo-SAA, rh-Apo-SAA, recombinant human Apo-SAA, recombinant Apo-SAA

Description: Human apo-SAA is a 104 amino acid polypeptide that circulates primarily in association with high-density lipoproteins (HDL). The level of apo-SAA, normally 1-5 µg/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 polypeptide, which contains an 18 amino acid N-terminal signal sequence.

Gene ID: 6288

Source: *E. coli*

Molecular Weight: ~11.5 kDa.

Formulation: Lyophilized from a sterile filtered solution without additives.

Purity: ≥ 98% as determined by SDS-PAGE and HPLC

Endotoxin Level: <0.1 ng/µg of protein

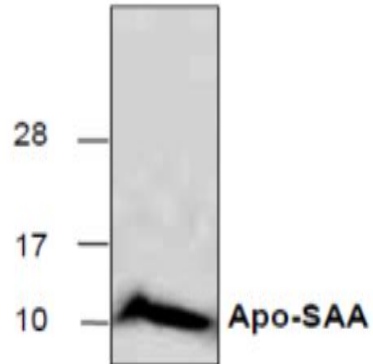
Biological Activity: For most *in vitro* applications, apo-SAA exerts its biological activity in the concentration range of 10.0-50.0 µg/ml.

Reconstitution: **Centrifuge the vial prior to opening.** Reconstitute in 0.1% acetic acid to a concentration of 1 µg/µl. This solution can then be diluted into other aqueous buffers and stored at 2-4°C for 1 week or -20°C for future use.

Storage & Stability: Best kept desiccated below 0°C. After reconstitution, store in working aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**



Purity of Recombinant Human Apo SAA (2 μ g) was analyzed by SDS-PAGE under reducing conditions



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