

Recombinant Human Apo-SAA

CATALOG #:	4324-10	10 µg
	4324-50	50 µg
	4324-500	500 µg
	4324-1000	1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE and HPLC analyses
Endotoxin level is <0.1 ng/µg of Apo-SAA.

MOLECULAR WT: ~11.5 kDa

FORM: Lyophilized with no additives.

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 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

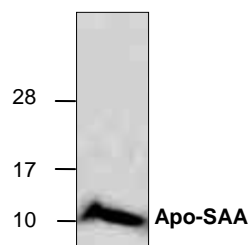
The lyophilized human Apo-SAA is best-stored desiccated below 0°C. Reconstituted Apo-SAA should be stored in working aliquots at -20°C.

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.

BIOLOGICAL ACTIVITY:

For most *in vitro* applications, Apo-SAA exerts its biological activity in the concentration range of 10-50 µg/ml.



Cat. #: 4324-50
Purity of recombinant Apo-SAA (2 µg) was analyzed by reduced SDS-PAGE electrophoresis.

FOR RESEARCH USE ONLY! Not to be used on humans.

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- Caspase Assay Kits & Reagents
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- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
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- Mammalian Cell Extraction Kit
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