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Recombinant Human Apo-SAA1

Description: Recombinant human Apo-SAA1 is an 11.7 kDa protein containing 105 amino acid residues. Serum amyloid A proteins (SAA) represents a family of apolipoproteins that circulates in association with high-density lipoproteins (HDL). The level of Apo-SAA usually is 1-5 µg/ml in plasma. It 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 non-glycosylated polypeptide, which contains an 18 amino acid N-terminal sequence.

Source:	E. coli
Molecular Weight:	~11.4 kDa
Purity:	> 98% by SDS-PAGE and HPLC analyses
Endotoxin level:	< 0.1 ng per µg of Apo-SAA1
Stabilizer:	none
Formulation:	lyophilized

Biological Activity: Determined by its ability to chemoattract human monocytes using a concentration range of 10.0-10.0 ng/ml.

Reconstitution: The human Apo-SAA1 can be diluted in water or other buffer solutions or stored at -20°C.

Stability: The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted Human Apo-SAA1 should be stored in working aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**

Usage: Human Apo-SAA1 offered for research use. Not for drug use. **Not for human use.**

Catalogue number: 100-387

Size: 50 µg

**** Please note: always centrifuge product before opening vial! ****