

Recombinant Human ApoSAA1

Cat. No. ApoSAA1-3587H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ApoSAA1
Species	Human
Source	E.coli
Description	Purified recombinant Human ApoSAA1 protein Serum amyloid A proteins (SAA) represents a family of apolipoproteins that circulates in 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.
Form	Supplied lyophilized with no additives. Reconstitute in water to a concentration of 0.1 - 1.0 mg/ml.
Molecular Mass	11.7 kDa
AA Sequence	Region of Apo-SAA1 protein corresponding to amino acids MRSFFSFLGE AFDGARDMWR AYSDMREANY IGSDKYFHAR GNYDAAKRGP GGVWAAEAIS DARENIQRFF GHGAEDSLAD QAANEWGRSG KDPNHFRPAG LPEKY.
Endotoxin	Endotoxin level is less than 0.1 ng per ug (1 EU/ug).

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Purity	>98% pure by SDS PAGE and HPLC
Notes	Small volumes of ApoSAA1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at 4 deg C until reconstitution. Following reconstitution aliquot and freeze at -20 deg C for long term storage. Avoid repeated freeze/thaw cycles.
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
GENE INFORMATION	
Gene Name	ApoSAA1
Official Symbol	ApoSAA1

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