

## Recombinant Human SAA Protein

Cat. No. SAA1-1052H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human serum amyloid A (SAA) protein with an N-terminal histidine tag. Predicted molecular weight: 14 kD.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Form</b>	Serum amyloid A, a family of apolipoproteins, is associated with high density lipoprotein during inflammatory states. The level of serum amyloid A (SAA) in the blood increases dramatically in response to tissue injury and inflammation. SAA also acts as a cytokine, influencing cell adhesion, migration, proliferation and aggregation. SAAs are implicated in several chronic inflammatory diseases, such as amyloidosis, atherosclerosis, and rheumatoid arthritis.
<b>Molecular Mass</b>	14 kDa
<b>Purity</b>	N/A
<b>Storage</b>	2-8 centigrade
<b>Concentration</b>	0.5 mg/ml when reconstituted with 200 µof deionized water
<b>Storage Buffer</b>	50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 0.02 % Tween 20; 6 % sucrose as stabilizer

### GENE INFORMATION

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<b>Gene Name</b>	SAA1 serum amyloid A1 [ Homo sapiens ]
<b>Official Symbol</b>	SAA1
<b>Synonyms</b>	SAA1; serum amyloid A1; SAA; serum amyloid A protein; PIG4; TP53I4; tumor protein p53 inducible protein 4; SAA2; MGC111216;
<b>Gene ID</b>	6288
<b>mRNA Refseq</b>	NM_000331
<b>Protein Refseq</b>	NP_000322
<b>MIM</b>	104750
<b>UniProt ID</b>	P02735

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