# Recombinant Human SAA Protein

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

## SPECIFICATION

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| **Product Overview** | Recombinant Human serum amyloid A (SAA) protein with an N-terminal histidine tag. Predicted molecular weight: 14 kD. |
| **Species** | Human |
| **Source** | E.coli |
| **Form** | 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. |
| **Molecular Mass** | 14 kDa |
| **Purity** | N/A |
| **Storage** | 2-8 centigrade |
| **Concentration** | 0.5 mg/ml when reconstituted with 200 µof deionized water |
| **Storage Buffer** | 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 0.02 % Tween 20; 6 % sucrose as stabilizer |

## GENE INFORMATION

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

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