

Recombinant Human SAA2 Protein

Cat. No. SAA2-0053H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SAA2 Protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
Description	<p>This gene encodes a member of the serum amyloid A family of apolipoproteins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein is a major acute phase protein that is highly expressed in response to inflammation and tissue injury. This protein also plays an important role in HDL metabolism and cholesterol homeostasis. High levels of this protein are associated with chronic inflammatory diseases including atherosclerosis, rheumatoid arthritis, Alzheimer's disease and Crohn's disease. This protein may also be a potential biomarker for certain tumors. Finally, antimicrobial activity against <i>S. aureus</i> and <i>E. coli</i> resides in the N-terminal portion of the mature protein.</p>
Applications	ELISA, CLIA, CG
Notes	For research use only, not for use in diagnostic procedure.
Storage	Short term (up to 7 days) store at 2–8 centigrade. Long term, store at - 20 centigrade. Avoid multiple freeze/thaw cycles.
Storage Buffer	Supplied as a 0.2 µm filtered solution of PBS, pH7.4

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GENE INFORMATION

Gene Name	SAA2 serum amyloid A2 [Homo sapiens (human)]
Official Symbol	SAA2
Synonyms	SAA2; serum amyloid A2; SAA; SAA1; serum amyloid A-2 protein; Serum amyloid A-1 protein
Gene ID	6289
mRNA Refseq	NM_030754
Protein Refseq	NP_110381
MIM	104751
UniProt ID	P0DJ19

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