

Recombinant Human SAA2 Protein (Arg19-Tyr122), N-His tagged

Cat. No. SAA2-5464H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SAA2 (Arg19-Tyr122) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg19-Tyr122
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 S. aureus and E. coli resides in the N-terminal portion of the mature protein.</p>
Form	Lyophilized powder/frozen liquid
Molecular Mass	13.96 kDa
Purity	> 90 % as determined by SDS-PAGE

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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02 % NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	SAA2 serum amyloid A2 [Homo sapiens (human)]
Official Symbol	SAA2
Synonyms	SAA2; serum amyloid A2; SAA; SAA1;
Gene ID	6289
mRNA Refseq	NM_001385666
Protein Refseq	NP_001372595
MIM	104751
UniProt ID	P0DJ19

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