

SAA2/Serum Amyloid A2 Recombinant Protein | SAA2 recombinant protein

Recombinant Human SAA2/Serum Amyloid A2 Protein (N-His)

CATALOG #
AAA174696

HOST
E Coli

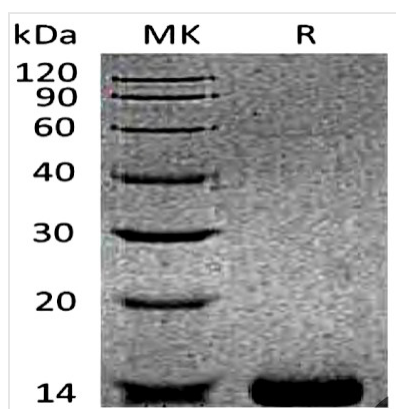
PRODUCT SYNONYMS

SAA2/Serum Amyloid A2; Recombinant Human SAA2/Serum Amyloid A2 Protein (N-His); SAA; SAA2; Serum Amyloid A2; SAA2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, pH7.4.
Sequence	Arg19-Tyr1 22
Sequence Length	83
Species	Human
Endotoxin	< 1.0 EU per ug as determined by the LAL method.
Tag	N-His
Preparation and Storage	Lyophilized protein should be stored at < -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SAA2 recombinant protein	Background: Serum amyloid A-2 protein (SAA2) belongs to the SAA family. It expressed by the liver and secreted in plasma. SAA2 functions as major acute phase reactant and could works as apolipoprotein of the HDL complex. Increased levels of A-SAA in serum are indicative of inflammatory disease. When highly expressed, SAA can displace ApoA1 as the major apolipoprotein in HDL complexes, weakening the function of HDL as a reverse (lipid clearing) cholesterol transporter. A highly charged region of SAA2 and SAA1 (aa 36-68) contains putative fibronectin- and laminin-binding motifs. This region also binds heparin sulfate proteoglycans at mildly acidic pH and promotes aggregation of A-SAA.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	188497687
NCBI GeneID	6289
NCBI Accession #	AAH20795.1
NCBI GenBank Nucleotide #	NP_001120852.1
UniProt Accession #	P0DJ19
Molecular Weight	Actual Protein Molecular Mass: 14kDa
NCBI Official Full Name	serum amyloid A-2 protein isoform b
NCBI Official Synonym Full Names	serum amyloid A2
NCBI Official Symbol	SAA2
NCBI Official Synonym Symbols	SAA; SAA1
NCBI Protein Information	serum amyloid A-2 protein
UniProt Protein Name	Serum amyloid A-2 protein
UniProt Gene Name	SAA2
UniProt Synonym Gene Names	SAA2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/saa2-recombinant-protein-e-coli/174696>