

Serum amyloid A Recombinant Protein | SAA1 recombinant protein

Serum amyloid A, 19-122aa, Human, His tag, E Coli

CATALOG # AAA48553	HOST E Coli	APPLICATIONS SDS-Page
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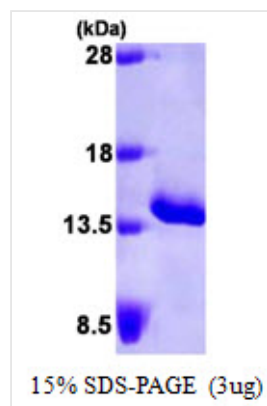
PRODUCT SYNONYMS

Serum amyloid A; 19-122aa; Human; His tag; E Coli; SAA1; PIG4; TP53I4; Amyloid fibril protein AA; Amyloid protein A; MGC111216; SAA; SAA2; Serum amyloid A protein precursor; Serum amyloid A1 isoform 1; Serum amyloid A1 isoform 2; Tumor protein p53 inducible protein 4.; SAA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris buffer (pH 8.0) containing 10% glycerol.
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MRSFFSFLGE AFDGARDMWR AYSDMREANY IGSDKYFHAR GNYDAAKRGPGGVWAAEAS DARENIQRFF GHGAEDSLAD QAANEWGRSG KDPNHFRPAG LPEKY
Sequence Length	122
Applicable Applications for SAA1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SAA1 recombinant protein	Serum amyloid A1 (SAA1) protein is made primarily in the liver and circulates in low levels in the blood. This protein appears to play a role in the immune system. Levels of this protein increase in the blood and other tissues under conditions of inflammation. SAA1 may help repair damaged tissues, acts as an antibacterial agent, and signal the migration of germ-fighting cells to sites of infection. Elevated levels of SAA over time predispose secondary amyloidosis, extracellular accumulation of amyloid fibrils, derived from a circulating precursor, in various tissues and organs. The most common form of amyloidosis occurs secondary to chronic inflammatory disease, particularly rheumatoid arthritis. Recombinant Serum amyloid A protein was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for SAA1 recombinant protein	Immunology
References	Betts JC., et al. (1991) Scand J Immunol. 34 (4):471-82. ; Yilmaz E., et al. (2003) Turk J Pediatr. 45 (3):198-202.;

NCBI AND UNIPROT INFORMATION

Molecular Weight	13.9 kDa (125aa), confirmed by MALDI-TOF.
UniProt Protein Name	Serum amyloid A-1 protein
UniProt Gene Name	SAA1
UniProt Synonym Gene Names	SAA

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.

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Online datasheet: <https://www.aaabiotech.com/saa1-recombinant-protein-e-coli-sds-page/48553>