

Serum amyloid A (SAA) Recombinant Protein | SAA recombinant protein

Recombinant equine serum amyloid A (SAA)

CATALOG #
AAA78142

HOST
Recombinant protein with an N-terminal proprietary affinity tag, expressed in E Coli.

PRODUCT SYNONYMS

Serum amyloid A (SAA); Recombinant equine serum amyloid A (SAA); SAA; equine; rec.; SAA recombinant protein

PRODUCT SPECIFICATIONS

Host	Recombinant protein with an N-terminal proprietary affinity tag, expressed in E Coli.
Purity/Purification	>95% Tricine-SDS-PAGE and gel scanning Affinity chromatography and reversed-phase chromatography
Form/Format	Lyophilized from 0.01 M HCl (pH 2.0) Product is recommended to be reconstituted with 0.01 M HCl (pH 2.0) to a 0.1-1 mg/ml concentration.
Sequence Length	129
Additional Remarks	To prepare diluted samples of SAA it is recommended to use buffer solutions containing a detergent. The selection of an appropriate detergent and its concentration is essential for the assay performance. For sandwich immunoassays using monoclonal anti-SAA antibodies SAA19, SAA21, and VSA34, it is recommended to use 0.01% CHAPS in antigen dilution buffer (e.g. 0.05 M Tris-HCl, pH 8.0, 0.15 M NaCl, 0.01% CHAPS). For sandwich immunoassays using monoclonal anti-SAA antibodies VSA6, VSA25, VSA31, VSA38, VSA2, and VSA43, it is recommended to use 0.05% Tween 20 in antigen dilution buffer (e.g. 0.02 M TrisHCl, pH 7.5, 0.15 M NaCl, 0.05% Tween 20).
Reconstitution	It is recommended to reconstitute this product with 0.01M HCl (pH 2.0) to 0.1-1 mg/ml concentration
Preparation and Storage	Lyophilized at -20°C (-15 to -30°C allowed) Reconstituted at -70°C (-65 to -80°C allowed) Avoid repeated freezing and thawing It is recommended to aliquot the product after reconstitution

ADDITIONAL INFORMATION

Related Product Information for SAA recombinant protein	Recombinant antigen expressed in E.coli. Contains a proprietary N-terminal 10 a.a.r affinity tag
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NCBI AND UNIPROT INFORMATION

NCBI GI #	93352563
NCBI GeneID	678660
NCBI Accession #	NP_001035288.1
NCBI GenBank Nucleotide #	NM_001040198.1
NCBI Official Full Name	serum amyloid A protein
NCBI Official Symbol	SAA1
NCBI Official Synonym Symbols	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://stage.aaabiotech.com/serum-amyloid-a-saa-recombinant-protein-recombinant-protein-with-an-n-terminal-proprietary-affinity-tag-expressed-in-e-coli/78142>