

Serum Amyloid A1 Recombinant Protein | A1 recombinant protein

Recombinant Human Serum Amyloid A1

CATALOG # AAA60566	HOST E Coli	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

Serum Amyloid A1; Recombinant Human Serum Amyloid A1; Serum amyloid A1; A1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Specificity	Purity and molecular integrity confirmed by SDS-PAGE analysis.
Purity/Purification	>99% under reducing conditions(SDS-PAGE)
Form/Format	Lyophilized at 1mg/mL in PBS, pH 7.4.
Concentration	0.1 mg/vials (1.096 mg/mL quantified by BCA) (varies by lot)
Sequence	MRGSHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSENL FQSFSSFLG EAFDGARDMW RAYSDMREAN YIGSDKYFHA RGN YDAAKRG PGGAWAAEVI SDARENIQRF FGHGAEDSLA DQAANEWGRS GKDPNHRPA GLPEKY
Applicable Applications for A1 recombinant protein	WB (Western Blot), ELISA
Species	Human
Tag	N-terminal 6xHis
Reconstitution	Add deionized water to prepare a working stock solution of approximately 1mg/mL and let the lyophilized pellet dissolve completely.
Quality Control Test	BCA to determine quantity of the protein. SDS PAGE to determine purity of the protein.
Preparation and Storage	The product is stored at -80°C. Please Aliquot the antigen, and store at -80 degree C. Avoid repeated freezing /thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for A1 recombinant protein	Expressed in E Coli with total 146 AA. Mw: 16.6 KDa (calculated). N-terminal 6xHis-tag, EK and TEV cleavage site, 42 extra AA (highlighted). SAA is synthesized in the liver and secreted to the blood. When in the blood, SAA proteins form complexes with high density lipoproteins (HDL). It has been suggested that SAA is involved in the recycling of cholesterol from damaged tissues. Similar to C-reactive protein, SAA is a major acute phase protein in human being, it can be used in test, predicting outcomes and assessing the efficacy of treatment in patients with inflammation. SAA is a sensitive biomarker of acute renal allograft rejection and it can be used to monitor SAA in kidney transplant patients for the early detection of acute rejection episodes. In patients with myocardial infarction, SAA concentration is elevated to extremely high values and correlates with postinfarction complications and the mortality rate.
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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-a1-recombinant-protein-e-coli-wb-western-blot-elisa/60566>