

# Recombinant Human Serum Amyloid A4, Constitutive, His-tagged

**Cat. No.** SAA4-2862H    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Recombinant human SAA4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. MW = 14.9 kDa (131aa) confirmed by MALDI-TOF.

**Species**      Human

**Source**      E.coli

**ProteinLength**      21-130 a.a.

**Description**      SAA4 is a constitutively expressed protein belonging to the SAA family. It is a major acute phase reactant and an apolipoprotein of the HDL complex. SAA4 is constitutively expressed only in humans and mice, is associated almost entirely with lipoproteins of the high density range. Its physiological function is unknown and its serum concentration has no relationship with those of other major apolipoproteins. The presence of SAA4 mRNA and protein in macrophage derived foam cells of coronary and carotid arteries suggested a specific role of human SAA4 during inflammation including atherosclerosis.

**Sequences Of Amino Acids**      MGSSHHHHH SGLVPRGSH MWRSFFKEAL QGVGDMGRAY WDIMISNHQN  
SNRYLYARGN YDAAQRGPGG VWAAKLISRS RVYLQGLIDY YLFGNSSTVL  
EDSKSNEKAE EWGRSGKDPD RFRPDGLPKK Y

**Purity**      > 90 % by SDS – PAGE.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 5mM DTT, 0.2M NaCl, 0.5mM EDTA.
<b>Concentration</b>	0.5 mg/ml (determined by Bradford assay).
<b>Storage</b>	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SAA4 serum amyloid A4, constitutive [ Homo sapiens ]</a>
<b>Synonyms</b>	SAA4; serum amyloid A4, constitutive; CSAA; C-SAA; serum amyloid A-4 protein; constitutively expressed serum amyloid A protein
<b>Gene ID</b>	<a href="#">6291</a>
<b>mRNA Refseq</b>	<a href="#">NM_006512</a>
<b>Protein Refseq</b>	<a href="#">NP_006503</a>
<b>MIM</b>	<a href="#">104752</a>
<b>UniProt ID</b>	<a href="#">P35542</a>
<b>Chromosome Location</b>	11p15.1-p14

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA