

Recombinant Human SAA4 (C-6His)

Catalog No: CF15

Description Recombinant Human Serum Amyloid A4 Protein is produced by our E. coli expression system and the

target gene encoding Glu19-Thr130 is expressed with a 6His tag at the C-terminus.

Source E. coli

Alternative name Serum Amyloid A-4 Protein; Constitutively Expressed Serum Amyloid A Protein; C-SAA; SAA4; CSAA

Accession No. P35542

Predicted Molecular Weight 14kDa

AP Molecular Weight

Formulation

14kDa, reducing conditions.

Supplied as a 0.2 µm filtered solution of 20mM Tris, 200mM NaCl, 0.5mM EDTA, 20% Glycerol, pH 8.0.

Reconstitution Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Quality Control Purity: Greater than 95% as determined by reducing SDS-PAGE.

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Shipping The product is shipped on dry ice/polar packs.

Upon receipt, store it immediately at the temperature listed below.

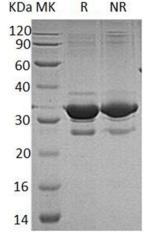
Storage Store at < -20°C, stable for 6 months after receipt.

Please minimize freeze-thaw cycles.

Background

Serum Amyloid A-4 Protein (SAA4) is a member of the SAA family. SAA proteins are a family of apolipoproteins associated with high-density lipoprotein (HDL) in plasma. SAA4 is constitutively expressed only in humans and mice. Its physiological function is unknown. SAA4 functions as a major acute phase reactant. SAA4 mRNA and protein occurrence in macrophage derived foam cells of coronary and carotid arteries implied a specific role of human SAA4 during inflammation including atherosclerosis.

SDS-Page



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