

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	14kDa, reducing conditions.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris, 200mM NaCl, 0.5mM EDTA, 20% Glycerol, pH 8.0.
Reconstitution	<p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100µg/ml.</p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Quality Control	<p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.</p>
Shipping	<p>The product is shipped on dry ice/polar packs.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
Storage	<p>Store at < -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
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.

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