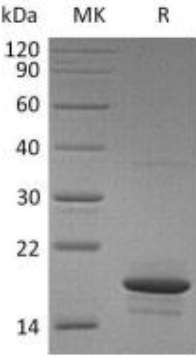


## Recombinant Human SAA4 (C-6His)

 Catalog#:AC13188 Derived from *E.coli*

<b>DESCRIPTION</b>	<p>Recombinant Human Serum Amyloid A4 Protein is produced by our E.coli expression system and the target gene encoding Glu19-Tyr130 is expressed with a 6His tag at the C-terminus.</p> <p>Accession#: P35542</p> <p>Known as: Serum Amyloid A-4 Protein; Constitutively Expressed Serum Amyloid A Protein; C-SAA; SAA4; CSAA</p>
<b>FORMULATION</b>	<p>Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 200mM NaCl, 0.5mM EDTA, 20% Glycerol, pH 8.0.</p>
<b>SHIPPING</b>	<p>The product is shipped on dry ice/polar packs.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
<b>STORAGE</b>	<p>Store at ≤-70°C, stable for 6 months after receipt.</p> <p>Store at ≤-70°C, stable for 3 months under sterile conditions after opening.</p> <p>Please minimize freeze-thaw cycles.</p>
<b>QUALITY CONTROL</b>	<p>Mol Mass: 14kDa AP Mol Mass: 14kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.</p>
<b>BACKGROUND</b>	<p>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.</p>
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"><b>SDS-PAGE</b></div>  </div> <p>The SDS-PAGE gel shows a single prominent band in lane R at approximately 14 kDa, corresponding to the expected molecular weight of the recombinant SAA4 protein. Lane MK (molecular weight marker) shows bands at 120, 90, 60, 40, 30, 22, and 14 kDa.</p>	