

### 32-8134: Recombinant Human Serum Amyloid A4/SAA4 (C-6His)

**Gene :** SAA4  
**Gene ID :** 6291  
**Uniprot ID :** P35542

#### Description

Source: E. coli.  
MW :14kD.

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. 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.

#### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM Tris, 200mM NaCl, 0.5mM EDTA, 20% Glycerol, pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MESWRSFFKEALQGVGDMGRAYWDIMISNHQNSNRYLYARGNYDAAQRGPGGVWAAKLISRSR  
VYLQGLIDYYLFGNSSTVLEDSKSNEKAEWGRSGKDPDRFRPDGLPKKYLEHHHHHH

#### Application Note

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