



Recombinant Protein Technical Manual
Recombinant Human SAA4 Protein (His Tag)
RPES5015

Product Data:

Product SKU: RPES5015 **Size:** 10µg

Species: Human **Expression host:** E. coli

Uniprot: P35542

Protein Information:

Molecular Mass: 14 kDa

AP Molecular Mass: 14 kDa

Tag: C-His

Bio-activity:

Purity: > 90% as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice. Upon receipt, store it immediately at <-20°C.

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

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Serum Amyloid A-4 Protein; Constitutively Expressed Serum Amyloid A Protein; C-SAA; SAA4; CSAA

Immunogen Information:

Sequence: Glu19-Thr130

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.