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32-9549: Recombinant Human Serum amyloid A-2 protein/SAA2(N-6His)

Alternative Name : SAA; SAA2; Serum Amyloid A2

Description

Source : E. coli;
Serum amyloid A-2 protein (SAA2) belongs to the SAA family. It expressed by the liver and secreted in plasma. SAA2 functions as major acute phase reactant and could works as apolipoprotein of the HDL complex. Increased levels of A-SAA in serum are indicative of inflammatory disease. When highly expressed, SAA can displace ApoA1 as the major apolipoprotein in HDL complexes, weakening the function of HDL as a reverse (lipid clearing) cholesterol transporter. A highly charged region of SAA2 and SAA1 (aa 36-68) contains putative fibronectin- and laminin-binding motifs. This region also binds heparin sulfate proteoglycans at mildly acidic pH and promotes aggregation of A-SAA.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mMPB,150mMNaCl,pH7.4.

Amino Acid : Recombinant Human Serum amyloid A-2 protein is produced by our E.coli expression system and the target gene encoding Arg19-Tyr122 is expressed with a 6His tag at the N-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.