9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SAA4 Human

Serum Amyloid A4 Human Recombinant
CYK0523

Product Overview

Name	SAA4 Human
Description	
Serum Amyloid A4 Human Recombinant	
Accession (Primary)	P35542
Synonyms	
Serum amyloid A-4 protein, Constitutively expressed serum amyloid A protein, C-SAA, SAA4, CSAA.	
Introduction	
SAA4 is a constitutively expressed protein which is a member of the SAA family. SAA4 is a major acute phase reactant and an apolipoprotein of the HDL complex. SAA4 is constitutively expressed only in humans and mice; it is connected almost completely with lipoproteins of the high density range. The physiological function of SAA4 is unknown, and its serum concentration has no association with those of other major apolipoproteins. 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SAA4 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 20% glycerol, 5mM DTT, 0.2M NaCl and 0.5mM EDTA.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M WRSFFKEAL QGVGDMGRAY WDIMISNHQN SNRYLYARGN YDAAQRGPGG VWAAKLISRS RVYLQGLIDY YLFGNSSTVL EDSKSNEKAE EWGRSGKDPD RFRPDGLPKK Y.	

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Precautions

SAA4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P35542)