Recombinant Human SAA4 Protein

Cat. No. SAA4-6234H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SAA4 protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	SAA4 is a member of the SAA family.SAA proteins are family of apolipoproteins of high density lipoprotein (HDL). They can be separated into two distinct groups. First group (SAA1, SAA2, and SAA3) consists of acute phase reactant whose expression level increase in the blood in a response to trauma, infection, inflammation, and neoplasia. These acute phase SAAs associates with HDL during inflammation and remodel the HDL particle by displacing Apo-A1. The second distinct group consists of SAA4 and SAA5 which exist as the minor apolipoproteins on HDL, but this group of SAA constitutes more than 9 % of all the SAA during homeostasis, and it is thought to play a role in the normal functioning of the HDL particle. SAA4 is a constitutively expressed protein which 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.
Form	Lyophilized powder/frozen liquid
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	SAA4 serum amyloid A4, constitutive [Homo sapiens (human)]
Official Symbol	SAA4
Synonyms	SAA4; serum amyloid A4, constitutive; serum amyloid A-4 protein; C SAA; CSAA; constitutively expressed serum amyloid A protein; C-SAA;
Gene ID	6291
mRNA Refseq	NM_006512
Protein Refseq	NP_006503
MIM	104752
UniProt ID	P35542

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA