

Recombinant Human Apolipoprotein-Serum Amyloid A1

Catalog No: #AP60478

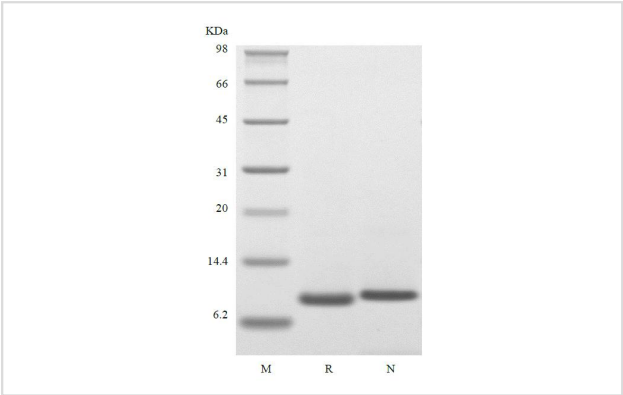
Package Size: #AP60478-1 10ug #AP60478-2 100ug #AP60478-3 500ug

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Description

Product Name	Recombinant Human Apolipoprotein-Serum Amyloid A1
Purification	> 98 % by SDS-PAGE and HPLC analyses.
Uniprot	P0DJ18
GeneID	6288
Calculated MW	Approximately 11.7 kDa, a single non-glycosylated polypeptide chain containing 104 amino acids.
Target Sequence	RSFFSFLGEA FDGARDMWRA YSDMREANYI GSDKYFHARG NYDAAKRGPG GAWAAEVISD ARENIQRFFG HGAEDSLADQ AANEWGRSGK DPNHFRPAGL PEKY
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM Tris-HCl, pH 9.0, 150 mM NaCl.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Images



Background

Serum amyloid A protein which belongs to the SAA family is encoded by the SAA gene in humans. It is expressed by the liver and secreted in plasma. Serum amyloid A is the major acute phase reactant and apolipoprotein of the HDL complex. Elevated serum SAA protein levels may be associated with lung cancer. The level of Apo-SAA, normally 1-5 µg/ml in plasma, increases 500-1000 fold within 24 hours of an inflammatory stimulus and, under these conditions, is the most abundant HDL Apo-lipoprotein. Recombinant human Apo-SAA1 is an 11.7 kDa protein containing 104 amino acid residues.

Note: This product is for in vitro research use only