
Recombinant human Apolipoprotein (a) protein

Catalog Number: bs-41130P

Concentration: >0.5 mg/ml

AA Seq: 1491-1819/2040

Predicted MW: 36 kDa

Detected MW: 45 kDa

Tags: Tag free

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Liquid

Storage: 20mM Tris-HCl (pH8.0) with 150mM NaCl.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a serine proteinase that inhibits the activity of tissue-type plasminogen activator I. The encoded protein constitutes a substantial portion of lipoprotein(a) and is proteolytically cleaved, resulting in fragments that attach to atherosclerotic lesions and promote thrombogenesis. Elevated plasma levels of this protein are linked to atherosclerosis. Depending on the individual, the encoded protein contains 2-43 copies of kringle-type domains. The allele represented here contains 15 copies of the kringle-type repeats and corresponds to that found in the reference genome sequence.
[provided by RefSeq, Dec 2009]

VALIDATION IMAGES



The purity of the protein is greater than 86% as determined by reducing SDS-PAGE.