

# Human APOA2 Protein

Cat. No. APA-HM2A2



## Description

<b>Source</b>	Recombinant Human APOA2 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ala19-Gln100.
<b>Accession</b>	P02652
<b>Molecular Weight</b>	The protein has a predicted MW of 36.1 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

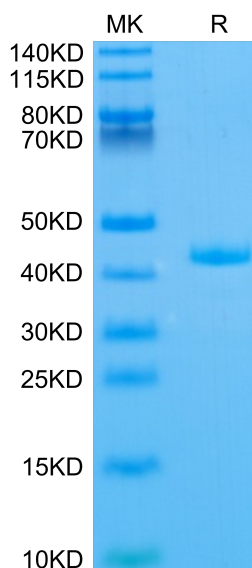
<b>Formulation</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

APOA2 is a protein implicated in triglyceride, fatty acid and glucose metabolism. In pigs, the APOA2 gene is located on pig chromosome 4 (SSC4) in a QTL region affecting fatty acid composition, fatness and growth traits.

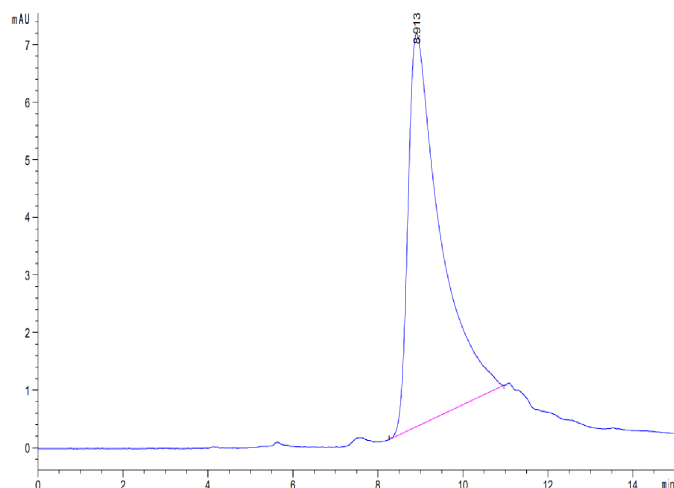
## Assay Data

### Bis-Tris PAGE



Human APOA2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC



The purity of Human APOA2 is greater than 95% as determined by SEC-HPLC.