

Mouse APOA2 Protein

Cat. No. APA-MM2A2

Description

Source	Recombinant Mouse APOA2 Protein is expressed from Expi293 with hFc tag at the C-terminal. It contains Ala19-Lys102.
Accession	P09813
Molecular Weight	The protein has a predicted MW of 36.2 kDa. Due to glycosylation, the protein migrates to 40-45 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

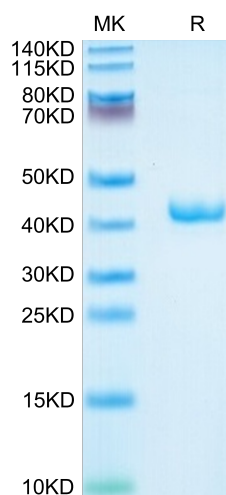
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated 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.

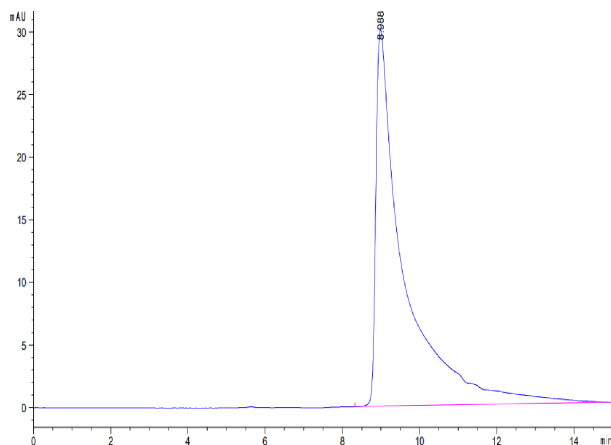
Assay Data

Tris-Bis PAGE



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

SEC-HPLC



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