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Datasheet for ABIN6809938

## APOA2 Protein (AA 19-100) (His tag)

### 1 Image

#### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 100 µg                                       |
| Target:                       | APOA2  |
| Protein Characteristics:      | AA 19-100                                    |
| Origin:                       | Human  |
| Source:                       | Escherichia coli (E. coli)                   |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This APOA2 protein is labelled with His tag. |

#### Product Details

|                  |  |
|------------------|--|
| Sequence:        | AA 19-100                                  |
| Purity:          | >90 % as determined by SDS-PAGE.           |
| Endotoxin Level: | Less than 1.0 EU per µg by the LAL method. |

#### Target Details

|                   |  |
|-------------------|--|
| Target:           | APOA2  |
| Alternative Name: | Apolipoprotein A-II ( <a href="#">APOA2 Products</a> )   |
| Background:       | Apolipoprotein A-II(APO-A2) stabilize HDL (high density lipoprotein) structure by its association with lipids, and affect the HDL metabolism. It is produced by the liver and is involved in cholesteryl ester formation and cholesterol transport from tissues to the liver. Recent studies have established the interaction between APOA2 -256T>C polymorphism and dietary saturated fatty acids intake in relation to obesity on healthy individuals. Significant interaction between |

## Target Details

APOA2-saturated fatty acids intake and body mass index (BMI). The result of this study confirmed the interaction between APOA2 -256T>C polymorphism and SFAs intake with BMI in type 2 diabetic patients.

Molecular Weight: 11.3 kDa

NCBI Accession: [NP\\_001634](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#), [Production of Molecular Mediator of Immune Response](#), [Negative Regulation of Transporter Activity](#), [Lipid Metabolism](#)

## Application Details

Restrictions: For Research Use only

## Handling

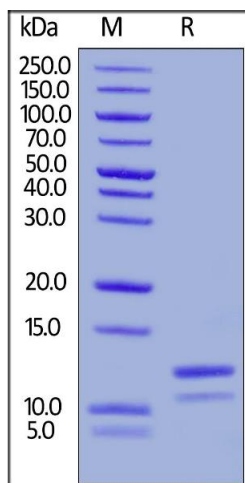
Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C

## Images



### SDS-PAGE

**Image 1.** Human Apolipoprotein A-II, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .