## PRODUCT INFORMATION

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|---|---|
| **Target** | APOA2 |
| **Synonyms** | apoAII; Apo-AII; ApoA-II |
| **Description** | Recombinant human APOA2 Protein with C-terminal human Fc tag |
| **Delivery** | In Stock |
| **Uniprot ID** | P02652 |
| **Expression Host** | HEK293 |
| **Tag** | C-Human Fc tag |
| **Molecular Characterization** | APOA2(Ala19-Gln100) hFc(Glu99-Ala330) |
| **Molecular Weight** | The protein has a predicted molecular mass of 35.4 kDa after removal of the signal peptide. |
| **Purity** | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| **Formulation & Reconstitution** | Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. |
| **Storage&Shipping** | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).Lyophilized proteins are shipped at ambient temperature. |
| **Background** | This gene encodes apolipoprotein (apo-) A-II, which is the second most abundant protein of the high density lipoprotein particles. The protein is found in plasma as a monomer, homodimer, or heterodimer with apolipoprotein D. Defects in this gene may result in apolipoprotein A-II deficiency or hypercholesterolemia. [provided by RefSeq, Jul 2008] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

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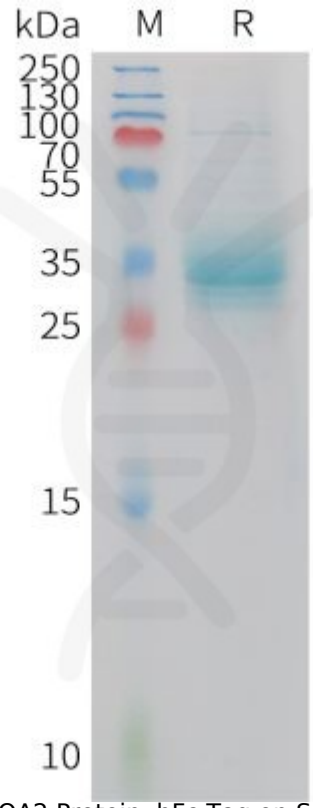



Figure 1. Human APOA2 Protein, hFc Tag on SDS-PAGE under reducing condition.

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