

Apolipoprotein AII, Human Plasma recombinant protein
Apolipoprotein A-II, Apo-AII, ApoA-II, APOA2.
Catalog # PBV10905r

Specification

Apolipoprotein AII, Human Plasma recombinant protein - Product info

Primary Accession [P02652](#)
Calculated MW **17.4 kDa** KDa

Apolipoprotein AII, Human Plasma recombinant protein - Additional Info

Gene ID	336
Gene Symbol	ApoA2
Other Names	
Apolipoprotein A-II, Apo-AII, ApoA-II, APOA2.	
Gene Source	Human
Source	Human plasma. Prepared from plasma shown to be non-reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests. SDS-PAGE; ≥ 95% by SDS - PAGE
Assay&Purity	N/A;
Assay2&Purity2	No
Recombinant	
Target/Specificity	
ApoA2	
Format	
Frozen	
Storage	
-80°C; Frozen in 10 mM NH ₄ HCO ₃ , pH 7.4	

Apolipoprotein AII, Human Plasma recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Apolipoprotein AII, Human Plasma recombinant protein - Images

Apolipoprotein AII, Human Plasma recombinant protein - Background

APOA2 stabilizes the HDL structure by its relationship with lipids, and plays a role in the HDL metabolism. APOA2 is the 2nd most abundant protein of the high density lipoprotein particles. 25% of Apo A in HDL is Apo AII. APOA2 is localized in plasma as a monomer, homodimer, or heterodimer with apolipoprotein D. Defects in APOA2 gene might cause apolipoprotein A-II deficiency or hypercholesterolemia. Levels of Apo AII in normal plasma range from 30-50 mg per 100 ml. The physiological role of the protein is unknown. Alcohol consumption, however, increases Apo AII levels.

Apolipoprotein AII, Human Plasma recombinant protein - References

Knott T.J., et al. Biochem. Biophys. Res. Commun. 120:734-740(1984).
Moore M.N., et al. Biochem. Biophys. Res. Commun. 123:1-7(1984).
Sharpe C.R., et al. Nucleic Acids Res. 12:3917-3932(1984).
Lackner K.J., et al. Nucleic Acids Res. 13:4597-4608(1985).
Knott T.J., et al. Nucleic Acids Res. 13:6387-6398(1985).