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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.**
Assay&Purity	**SDS-PAGE; ≥ 95% by SDS - PAGE**
Assay2&Purity2	**N/A;**
Recombinant	**No**

Target/Specificity
ApoA2

Format
Frozen

Storage
-80°C; Frozen in 10 mM NH4HCO3, 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 Cytomety
- 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).