

## APOA2 Human

**Description:** APOA2 Human isolated from Human HDL is a single, glycosylated, polypeptide chain having a molecular mass of 17.38kDa. APOA2 is purified using delipidation and gel permeation chromatographic technique.

**Catalog #:** CYPs-045

For research use only.

**Synonyms:** Apolipoprotein A-II, Apo-AII, ApoA-II, APOA2.

**Source:** Human HDL.

**Physical Appearance:** APOA2 is supplied as a sterile filtered colorless solution.

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

The APOA2 1mg/ml solution contains 10mM Ammonium Bicarbonate at pH7.4.

**Stability:**

APOA2 although stable at 4°C for 1 week, should be stored below -18°C. For long term storage of APOA2 it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

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. 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.

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