



## Apolipoprotein L 4, human recombinant (rhuAPOL4)

**Catalog No:** 99948  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** APOL-IV, APOLIV, Apolipoprotein L4, ApoL-IV

### Background

Apolipoprotein L 4 (APOL4) belongs to the apolipoprotein L family. APOL4 plays a role in lipid exchange and transport through the body, in addition to reverse cholesterol transport from peripheral cells to the liver. Two transcript variants encoding two different isoforms have been found for this gene. APOL4 is highly expressed in the spinal cord, placenta and adrenal gland. It is also detected in spleen, bone marrow, uterus, trachea, mammary gland and testis

### Description

APOH Human Recombinant, produced in *E. coli*, is a single, non-glycosylated polypeptide chain containing 371 amino acids (1-348 aa). It has a molecular mass of 41.1 kDa. APOH is fused to a 23 amino acid His-tag at N-terminus and is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered, colorless solution.

### Formulation

APOH protein solution (0.25 mg/ml) contains 20 mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4 M urea.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Purity

Greater than 85% as determined by SDS-PAGE.

### Usage

**This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.**

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