



# Recombinant Protein Technical Manual

**Recombinant Human APOB/Apolipoprotein B00  
Protein (His Tag)**  
RPES4521

## Product Data:

**Product SKU:** RPES4521

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** P04114

## Protein Information:

**Molecular Mass:** 13.5 kDa

**AP Molecular Mass:** 16 kDa

**Tag:** N-His

**Bio-activity:**

**Purity:** > 85% as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice. Upon receipt, store it immediately at < -20°C.

**Formulation:** Supplied as a 0.2 µm filtered solution of 20mMTris, 250mMNaCl, 10% Glycerol, 2mMEDTA, pH8.0.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** ApolipoproteinB00;APOB

## Immunogen Information:

**Sequence:** Glu28-Ser127

## Background:

Apolipoprotein B is a major protein constituent of chylomicrons (apo B-48), LDL (apo B00) and VLDL (apo B00). Apo B00 functions as a recognition signal for the cellular binding and internalization of LDL particles by the apoB/E receptor.