

Apolipoprotein B-100/APOB Protein, Human, Recombinant (His)

General Information

Synonyms:	APOB;ApolipoproteinB-100
Protein Construction:	Glu28-Ser127
Species:	Human
Expression Host:	E. coli
Accession:	P04114
Molecular Weight:	16 KDa (reducing condition)
AA Sequence:	Glu28-Ser127

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 90% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 250 mM NaCl, 10% Glycerol, 2 mM EDTA, pH8.0.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

Apolipoprotein B is a major protein constituent of chylomicrons (apo B-48), LDL (apo B-100) and VLDL (apo B-100). Apo B-100 functions as a recognition signal for the cellular binding and internalization of LDL particles by the apoB/E receptor.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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