

Recombinant Human APOB Protein (28-127 aa), His-tagged

Cat. No. APOB-1813H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOB Protein (28-127 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	28-127 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	13.2 kDa
AA Sequence	EEEMLENVSLVCPKDATRKFHLRKYTNYEAESSSGVPGTADSRSATRINCKVELEV PQLCSFILKTSQCTLKEVYGFNPEGKALLKTKNSEEFAAAMS
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name APOB apolipoprotein B (including Ag(x) antigen) [Homo sapiens]

Official Symbol APOB

Synonyms APOB; apolipoprotein B-100; apoB-48; apoB-100; apo B-100; mutant Apo B 100; apolipoprotein B48; FLDB; LDLQC4;

Gene ID 338

mRNA Refseq NM_000384

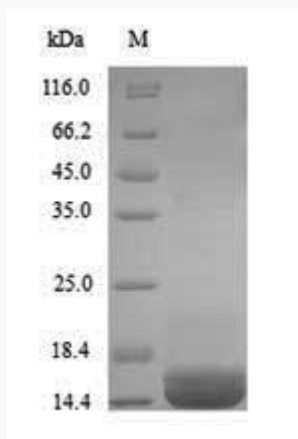
Protein Refseq NP_000375

UniProt ID P04114

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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