

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 | EEEMLENVSLVCPKDATRFRKHLRKYTYNYEAESSGVPGTADSRSATRINCKVELEV 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; LDLCQ4;

Gene ID [338](#)

mRNA Refseq [NM_000384](#)

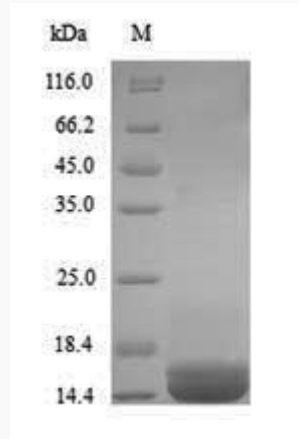
Protein Refseq [NP_000375](#)

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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