

apolipoprotein B48 (APOB) Recombinant Protein | APOB recombinant protein

Recombinant Human apolipoprotein B48 (APOB) Protein

CATALOG #
AAA55950

HOST
E. coli AA 28-127 (P04114).

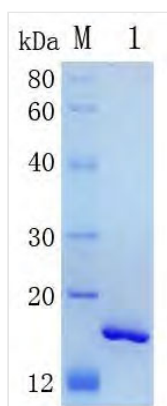
PRODUCT SYNONYMS

apolipoprotein B48 (APOB); Recombinant Human apolipoprotein B48 (APOB) Protein; Apo-B; FLDB; Apo B-100; Apo B-48.; APOB recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli AA 28-127 (P04114).
Purity/Purification	> 90% as determined by SDS-PAGE
Form/Format	10 mM Tris-HCl, 1 mM EDTA, pH 8.0, 50% glycerol.
Concentration	0.75 mg/mL (varies by lot)
Sequence	EEEMLENVSL VCPKDATRFK HLRKYTYNYE AESSSGVPGT ADSRSATRIN CKVELEVPQL CSFILKTSQC TLKEVYGFNP EGKALLKTK NSEEFAAAMS
Species	Human
Source	Human
Protein Residues	with N-terminal 10×His-tagged.
Endotoxin Level	Please contact us for more information.
Usage	APOB Protein - Centrifuge the standard vial at 6000-10000rpm for 30s.
Preparation and Storage	Store it under sterile conditions at -20°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. The recombinant protein is stable for up to 6-12 months from date of receipt at -20°C to -80°C. **Avoid repeated freeze-thaw cycles.**

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for APOB recombinant protein	Apolipoprotein B (APOB) is the primary apolipoprotein of low-density lipoproteins (LDL or "bad cholesterol"), which is responsible for carrying cholesterol to tissues. While it is unclear exactly what functional role APOB plays in LDL, it is the primary apolipoprotein component and is absolutely required for its formation. What is clear is that the APOB on the LDL particle acts as a ligand for LDL receptors in various cells throughout the body. Through a mechanism that is not fully understood, high levels of APOB can lead to plaques that cause vascular disease (atherosclerosis), leading to heart disease. There is considerable evidence that levels of APOB are a better indicator of heart disease risk than total cholesterol or LDL.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	340138932
NCBI GeneID	55911
NCBI Accession #	NP_061160.3
NCBI GenBank Nucleotide #	NM_018690.3
UniProt Accession #	Q0VD83; Q0VD81; Q8NC15; Q9NPJ9; H3BU97
Molecular Weight	Predicted MW: 14.7 kDa Observed MW: 17 kDa (The reducing (R) protein migrates as xx kDa in SDS-PAGE may be due to relative charge.)
NCBI Official Full Name	apolipoprotein B receptor
NCBI Official Synonym Full Names	apolipoprotein B receptor
NCBI Official Symbol	APOBR
NCBI Official Synonym Symbols	APOB48R; APOB100R
NCBI Protein Information	apolipoprotein B receptor
UniProt Protein Name	Apolipoprotein B receptor
UniProt Gene Name	APOBR
UniProt Synonym Gene Names	APOB48R; Apolipoprotein B48 receptor; apoB-48R
UniProt Entry Name	APOBR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/apobr-recombinant-protein-e-coli/55950>