



Recombinant Human Apolipoprotein L3 (APOL3)

Product Code	CSB-EP001942HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95236
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MGLGQGWGWE ASCFACLIRS CCQVVTFTFP FGFQGISQSL ENVSGYYADA RLEVGSTQLR TAGSCSHSK RFLFKRFT EEATKYFRER VSPVHLQILL TNNEAWKRFV TAAELPRDEA DALYEALKKL RTYAAIEDEY VQQKDEQFRE WFLKEFPQVK RKIQESIEKL RALANGIEEV HRGCTISNVV SSSTGAASGI MSLAGLVLAP FTAGTSLALT AAGVGLGAAS AVTGITTSIV EHSYTSSAEA EASRLTATSI DRLKVFKEVM RDITPNLLSL LNNYYEATQT IGSEIRAIRQ ARARARLPVT TWRISAGSGG QAERTIAGTT RAVSRGARIL SATTSGIFLA LDVVNLVYES KHLHEGAKSA SAEELRRQAQ ELEENLMELT QIQRLNPCH TH
Source	E.coli
Target Names	APOL3
Protein Names	Recommended name: Apolipoprotein L3 Alternative name(s): Apolipoprotein L-III Short name= ApoL-III TNF-inducible protein CG12-1 Short name= CG12_1
Expression Region	1-402
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene is a member of the apolipoprotein L gene family, and it is present in a cluster with other family members on chromosome 6. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids, including cholesterol, and/or allow the binding of lipids to organelles. In addition, expression of this gene is up-regulated by tumor necrosis factor-alpha in endothelial cells lining the normal and atherosclerotic iliac artery and aorta. Alternative splicing results in multiple transcript variants.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.