Recombinant Human Apolipoprotein L1 (APOL1)

Product Code	CSB-MP001940HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O14791
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	EEA GARVQQNVPS GTDTGDPQSK PLGDWAAGTM DPESSIFIED AIKYFKEKVS TQNLLLLLTD NEAWNGFVAA AELPRNEADE LRKALDNLAR QMIMKDKNWH DKGQQYRNWF LKEFPRLKSE LEDNIRRLRA LADGVQKVHK GTTIANVVSG SLSISSGILT LVGMGLAPFT EGGSLVLLEP GMELGITAAL TGITSSTMDY GKKWWTQAQA HDLVIKSLDK LKEVREFLGE NISNFLSLAG NTYQLTRGIG KDIRALRRAR ANLQSVPHAS ASRPRVTEPI SAESGEQVER VNEPSILEMS RGVKLTDVAP VSFFLVLDVV YLVYESKHLH EGAKSETAEE LKKVAQELEE KLNILNNNYK ILQADQEL
Source	Mammalian cell
Target Names	APOL1
Protein Names	Recommended name: Apolipoprotein L1 Alternative name(s): Apolipoprotein L Short name= Apo-L Short name= ApoL Apolipoprotein L-I Short name= ApoL-I
Expression Region	28-398
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 of Mature Protein
Target Details	This gene encodes a secreted high density lipoprotein which binds to apolipoprotein A-I. Apolipoprotein A-I is a relatively abundant plasma protein and is the major apoprotein of HDL. It is involved in the formation of most cholesteryl esters in plasma and also promotes efflux of cholesterol from cells. This apolipoprotein L family member may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver. Several different transcript variants encoding different isoforms have been found for this gene.
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.