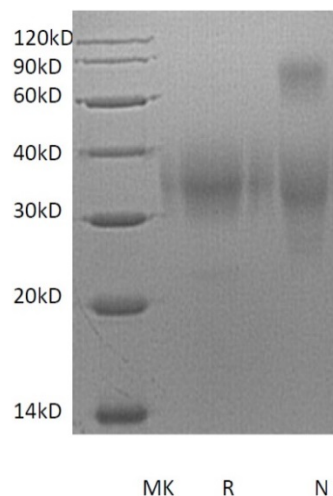


PRODUCT SPECIFICATIONS

Name	Recombinant ApoA1, 50 µg
Description	Recombinant human apolipoprotein A1 antigen is produced by mammalian expression system and the target gene encoding Arg19-Gln267 is expressed with a 6His tag at the C-terminus. Predicted molecular weight: 35 kDa.
Amino acid sequence	RHFWQQDEPPQSPWDRVKDLATVYVDVLKDSGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSK LREQLGPVTFEFDNLEKETEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVEPLRA ELQEGARQKLHELQEKLSPLGEEMRDRARAHVDALRTHLAPYSDELRLQLAARLEALKENGGARL AEYHAKATEHLSTLSEKAKPALEDLRQGLLPVLESFKVSFLSALEEYTKKLNTQVDHHHHHH
Production host	Human cells
Product code	710012
Product formulation	Lyophilized
Product buffer	20 mM Na-phosphate, pH 7.2, 150 mM NaCl, 5% Mannitol
Reconstitution	Reconstitute lyophilized protein with 100 µl of deionized water
Storage at	-20 °C
Analyte description	Apolipoprotein A1 (ApoA1) is a major component of the high-density lipoprotein complex (HDL or "good cholesterol"). ApoA1 helps to clear cholesterol from arteries. Decreased serum HDL- cholesterol levels have been reported to correlate with increased risk of coronary artery disease. However, apoA1 has been suggested as a better discrimination of coronary artery disease than HDL.
Product concentration	0.5 mg/ml when reconstituted with 100 µl of deionized water
Purity	SDS-PAGE > 90 %



N: Non-reducing
R: Reducing
MK: Protein Molecular Weight Marker

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