

Recombinant ApoA1, 500 µg

Product code	710033
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	RHFWQQDEPPQSPWDRVKDLATVYVDVLKDSGRDYVSQFEGSALGKQL NLKLLDNWDSVTSTFSKLREQLGPVTQEFWDNLEKETEGLRQEMSKDLE EVKAKVQPYLDDFQKKWQEEMELYRQKVEPLRAELQEGARQKLHELQEK LSPLGEEMRDRARAHVDALRTHLAPYSDELRQRLAARLEALKENGGARL AEYHAKATEHLSTLSEKAKPALEDLRQGLLPVLESFKVSFLSALEEYTKKL NTQVDHHHHHH
Product host	Human cells
Product formulation	Lyophilized
Product buffer solution	20 mM Na-phosphate, pH 7.2, 150 mM NaCl
Reconstitution	Reconstitute the lyophilized protein with 1000 μI of deionized water
Shelf life and storage	-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 1000 μ l of deionized water
Purity	SDS-PAGE > 90 %
	120kD 90kD 60kD 40kD
	30kD
	20kD N: Non-reducing R: Reducing MK: Protein Molecular Weight Marker
	14kD
	MK R N
Reactivity with MedixMabs	2001, 2002



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