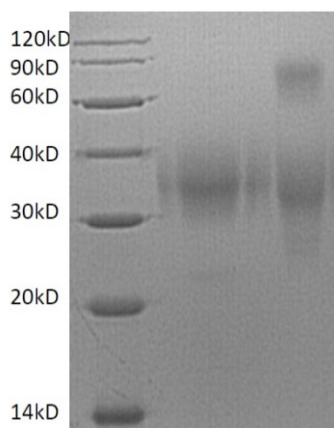


Recombinant ApoA1, 50 µg

| | |
|--------------------------------|---|
| Product code | 710012 |
| 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 | RHFVQQDEPPQSPWDRVKDLATVYVDVLKDSGRDYVSQFEGSALGKQL NLKLLDNWDSVTSTFSKLREQLGPVTQEFWDNLEKETEGLRQEMSKDLE EVKAKVQPYLDDFQKKWQEEMELYRQKVEPLRAELQEGARQKLHELQEK LSPLGEEMRDRARAHVDALRTHLAPYSDELQRQLAARLEALKENGGARL 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 100 µl 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 100 µl of deionized water |
| Purity | SDS-PAGE > 90 % |



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

MK R N

Reactivity with MedixMabs 2001, 2002

