

Apolipoprotein A-I Human Recombinant, His Tag

Item Number	rAP-0325
Synonyms	Apolipoprotein A-I, Apo-AI, ApoA-I, APOA1, MGC117399.
Description	APOA1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 264 amino acids (25-267 a.a.) and having a molecular mass of 30.3kDa. APOA1 is fused to 20 a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P02647
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MDEPPQSPWD RVKDLATVYV DVLKDSGRDY VSQFEGSALG KQLNLKLLDN WDSVTSTFSK LREQLGPVTQ EFWDNLEKET EGLRQEMSKD LEEVKAKVQP YLDDFQKKWQ EEMELYRQKV EPLRAELQEG ARQKLHELQE KLSPLGEEMR DRARAHVDAL RTH- LAPYSDE LRQRLAARLE ALKENGARL AEYHAKATEH LSTLSEKAKP ALEDLRQGLL PVLESFKVSF LSALEEYTKK LNTQ.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The APOA1 solution containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**