

Apolipoprotein A-I Mouse Recombinant

Item Number	rAP-0334
Synonyms	Apolipoprotein A-I, Apo-AI, ApoA-I, Apolipoprotein A1, ProapoA-I.
Description	APOA1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 263 amino acids (25-264a.a) and having a molecular mass of 30.3kDa.APOA1 is fused to a 23 amino acid His-tag at N-terminus
Uniprot Accession Number	Q00623
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSDEPQSQW DKVKDFANVY VDAVKDSGRD YVSQFESSSL GQQLNLNLE NWDTLGSTVS QLQERLGPLT RDFWDNLEKE TDWVRQEMNK DLEEVKQKVQ PYLDEFQKKW KEDVELYRQK VAPLGAELQE SARQKLQELQ GRL-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	APOA1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT. Greater than 90.0% 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**