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Apoa1, 25-264aa , Mouse, His tag, E.coli

产品货号: TP01192

第三版

别名:Apolipoprotein A-I , Alp-1, apo-AI, Apoa-1, apoA-I, Brp-14,Ltw-1, Lvtw-1, Sep-1, Sep-2, Sep2, Apolipoprotein AI

描述:Apoa1 also known as Apolipoprotein A-I, is the major protein component of high density lipoprotein (HDL) in plasma. This protein promotes cholesterol efflux from tissues to the liver for excretion. And it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. Defects in the Apoa1 are associated with HDL deficiency including Tangier disease. Recombinant mouse Apoa1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques

配方:Liquid, In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT

分子量:30.3kDa (263aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSDPEQSQWDKVKDFANVYVDAVKDSGRDYVSQFESSLGQQLNLNLENWDTLGS
TVSQLQERLGPLTRDFWDNLEKETDWVRQEMNKDLEEVKQKVQPYLDEFQKKWKEDVELYRQKVAPLGAELQESARQ
KLQELQGRLSPVAEEFRDRMRTHVDSLRTQLAPHSEQMRESLAQRLAELKSNPTLN EYHTRAKTHLKT LGEKARPAEDLR
HSLMPMLETLKTQVQSVIDKASETLTAQ

纯度:> 95% by HPLC

浓度:1mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.