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APOA5, 24-366aa, Human, His tag, E.coli

产品货号: TP01193

第三版

别名:Apolipoprotein A-V precursor, Apolipoprotein A-V, APOAV; RAP3

描述:APOA5 is an apolipoprotein that plays an important role in regulating the plasma triglyceride levels, a major risk factor for coronary artery disease. It is a component of high density lipoprotein and is highly similar to a rat protein that is upregulated in response to liver injury. Mutations in this gene have been associated with hypertriglyceridemia and hyperlipoproteinemia type 5. This gene is located proximal to the apolipoprotein gene cluster on chromosome 11q23. Alternatively spliced transcript variants encoding the same protein have been identified. Recombinant human APOA5 protein, fused to His-tag at N-terminus, was expressed in E.coli .

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing , 10% glycerol, 0.4M Urea

分子量:41.3kDa (366aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSRKGFWDYFSQTSQDKGRVEQIHQQKMAREPATLKDSLEQDLNMMNKFLEKLRPLS
GSEAPRLPQDPVGMRRQLQEELEEVKARLQPYMAEAHELVGWNLEGLRQQLKPYTMDLMEQVALRVQELQEQLRVVG
EDTKAQLLGGVDEAWALLQGLQSRVVHHTGRFKELFHPYAESLVSGIGRHVQELHRVAPHAPASPARLSRCVQVLSRKL
TLKAKALHARIQQNLDQLREELSRFAGTGTEEGAGPDPQMLSEEVQRQLQAFRQDTYLQIAAFTRAIDQETEEVQQQLA
PPPPGHSAFAPEFQQTDSGKVLKQLARLDDLWEDITHSLHDQGHSHLGDP

纯度:> 95% by HPLC

浓度:0.25 mg/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.