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AR50961PU-S Human ATP synthase subunit gamma (26-298, His-tag) - Purified

Alternate names: ATP5C, ATP5C1, ATP5CL1, Complex V gamma subunit, F1F0-ATPase gamma subunit, mitochondrial ATP synthase subunit gamma

Quantity: 0.1 mg

Concentration: 0.5 mg/ml (determined by Bradford assay)

Background: ATP synthase subunit gamma, mitochondrial isoform L (liver), also known as ATP5C1, catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. The catalytic portion of mitochondrial

Uniprot ID: P36542

NCBI: NP_001001973

GeneID: 509

Species: Human

Source: E. coli

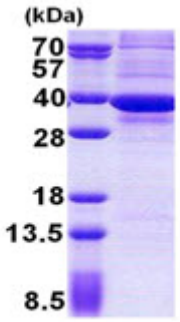
Format:
State: Liquid purified protein
Purity: >90% by SDS - PAGE
Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Description:
AA Sequence:
MGSSHHHHHH SSGLVPRGSH MGSATLKDIT RRLKSIKNIQ KITKSMKMVA AAKYARAERE
LKPARIYGLG SLALYEKADI KGPEDKKKHL LIGVSSDRGL CGAIHSSIAK QMKSEVATLT
AAGKEVMLVG IGDKIRGILY RTHSDQFLVA FKEVGRKPPT FGDASVIALE LLNSGYEFDE
GSIIFNKFRS VISYKTEEKP IFSLNTVASA DSMSIYDDID ADVLQNYQEY NLANIIYYSL
KESTTSEQSA RMTAMDNASK NASEMIDKLT LTFNRTRQAV ITKELIEIIS GAAALD
Molecular weight: 32.6 kDa (296aa)

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: Wang L., et al. (2008) Cancer Epidemiol Biomarkers Prev. 17(12):3558-3566

Pictures:



15% SDS-PAGE (3ug)