

32-3269: ATP5C1 Recombinant Protein

Alternative Name : ESE3,ESE3B,ESEJ,F-ATPase gamma subunit,ATP5C1,ATP5CL1,ATP5C,ATP synthase subunit gamma,mitochondrial.

Description

Source : Escherichia Coli. ATP5C1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 296 amino acids (26-298 a.a.) and having a molecular mass of 32.6kDa.ATP5C1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. ATP synthase subunit gamma, mitochondrial isoform L (liver) (ATP5C1) is a member of the ATPase gamma chain family. ATP5C1 catalyzes ATP synthesis by using an electrochemical gradient of protons across the inner membrane throughout oxidative phosphorylation. The catalytic portion of mitochondrial ATP synthase is comprised of 5 different subunits (alpha, beta, gamma, delta, and epsilon) gathered with a stoichiometry of 3 alpha, 3 beta, and a single representative of the other 3.

Product Info

Amount : 20 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : ATP5C1 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition : 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.
Amino Acid : 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.

