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COQ9, 45-318aa, Human, His tag, E.coli

产品货号: TP01691

第三版

别名: ubiquinone biosynthesis protein COQ9, mitochondrial, C16orf49, COQ10D5

描述: COQ9 also known as ubiquinone biosynthesis protein COQ9. This locus represents a mitochondrial ubiquinone biosynthesis gene. This protein is likely necessary for biosynthesis of coenzyme Q10, as mutations at this locus have been associated with autosomal-recessive neonatal-onset primary coenzyme Q10 deficiency. Recombinant human COQ9, 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 10% glycerol, 1mM DTT

分子量: 33.3kDa (297aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSRSSDEQKQQPPNSFSQQHSETQGAEKPDPESSHSPPRYTQGGEEEEEDYESEEQLQ  
HRILTAALEFVPAHGWTAEAIAEGAQSLGLSSAAASMFQKDGSELILHFVTQCNTLRVLEEEQKLVQLGQAEKRKTDQF  
LRDAVETRLRMLIPYIEHWPRALSILMLPHNIPSSLSLLTSMVDDMWHYAGDQSTDFNWWYTRRAMLAAYNTTELVMQ  
DSSPDFEDTWRFLNENRVNDAMNMGHTAKQVKSTGEALVQGLMGAAVTLKNLTGLNQRR

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.