
Product Data Sheet

Product Name: COQ9 Human
 Cat. No.: GP21493
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ubiquinone biosynthesis protein COQ9; mitochondrial; C16orf49; COQ10D5; C16orf49; HSPC326; PSEC0129.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGRSSDEQK QPPNSFSQQ HSETQGAKEP DPESHSPPR YTDQGGEEEDYESEEQLQH RILTAALFV PAHGWTAEAI AEGAQSLGLS SAAASMFGKD GSELILHFVT QCNTRLTRVLEEEQKLVQLG QAEKRKTDQF LRDAVETRLR MLIPYIEHWP RALSILMLPH NIPSSLSLLT SMVDDMWHYAGDQSTDFNWX TRRAMLAAY NTELVMMQD SSPDFEDTWR FLENRVNDAM NMGHTAKQVK STGEALVQGLMGAAVTLKLN TGLNQRR.		
Formulation	COQ9 protein solution (1mg/ml) in Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.		

Introduction

Ubiquinone biosynthesis protein COQ9 (COQ9) represents a mitochondrial ubiquinone biosynthesis gene. The COQ9 protein is likely required for biosynthesis of coenzyme Q10, since mutations at this locus have been linked with autosomal-recessive neonatal-onset primary coenzyme Q10 deficiency.

Stability

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.

Background

COQ9 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 297 amino acids (45-318 a.a) and having a molecular mass of 33.3kDa. COQ9 is fused to a 23 amino acid His-tag at N-terminus & purified by

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA