

## 32-6704: COQ9 Human

**Alternative Name :** Ubiquinone biosynthesis protein COQ9, mitochondrial, C16orf49, COQ10D5, C16orf49, HSPC326, PSEC0129.

### Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

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.

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 proprietary chromatographic techniques.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** COQ9 protein solution (1mg/ml) in Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

**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 MGSRSSDEQK QQPPNSFSQQ HSETQGAKEP DPESHSPPR  
YTDQGGEEEE DYEEEQQLQH RILTAALFV PAHGWTAEAI AEGAQSLGLS SAAASMFGKD GSELILHFVT  
QCNTLRTRVL EEEQKLVQLG QAEKRKTDQF LRDAVETRLR MLIPYIEHWP RALSILMLPH NIPSSLSLLT  
SMVDDMWHYA GDQSTDFNWX TRRAMLAAY NTELVMMQD SSPDFEDTWR FLENRVNDAM  
NMGHTAKQVK STGEALVQGL MGAAVTLKNL TGLNQRR.