

Coenzyme Q9 Human Recombinant

Item Number	rAP-1423
Synonyms	Ubiquinone biosynthesis protein COQ9, mitochondrial, C16orf49, COQ10D5, C16orf49, HSPC326, PSEC0129.
Description	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.
Uniprot Accesion Number	O75208
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSRSSDEQK QQPPNSFSQQ HSETQGAEKP DPESSHSPPR YTDQGGEEEE DYESEEQLQH RILTAALEFV PAHGWTAELAI AEGAQSLGLS SAAASMFGKD GSELILHFVT QCNTRL- TRVL EEEQKLVQLG QAEKRKTDQF LRDAVETRLR MLIPYIEHWP RALSILMLPH NIPSSLSLLT SMVDDMWHYA GDQSTDFNWY TRRAMLAAIY NTTELVMMQD SSPDFEDTWR FLENRVNDAM NMGHTAKQVK STGEALVQGL
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	COQ9 protein solution (1mg/ml) in Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**