Recombinant Human COQ9 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. COQ9-196H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	COQ9 MS Standard C13 and N15-labeled recombinant protein (NP_064708) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This locus represents a mitochondrial ubiquinone biosynthesis gene. The encoded 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. [provided by RefSeq, Sep 2010]
Molecular Mass	35.5 kDa
AA Sequence	MAAAAVSGALGRAGWRLLQLRCLPVARCRQALVPRAFHASAVGLRSSDEQKQQPP NSFSQQHSETQGAEKPDPESSHSPPRYTDQGGEEEEDYESEEQLQHRILTAALEFV PAHGWTAEAIAEGAQSLGLSSAAASMFGKDGSELILHFVTQCNTRLTRVLEEEQKLV QLGQAEKRKTDQFLRDAVETRLRMLIPYIEHWPRALSILMLPHNIPSSLSLLTSMVDD MWHYAGDQSTDFNWYTRRAMLAAIYNTTELVMMQDSSPDFEDTWRFLENRVNDA MNMGHTAKQVKSTGEALVQGLMGAAVTLKNLTGLNQRRTRTRPLEQKLISEEDLAA NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

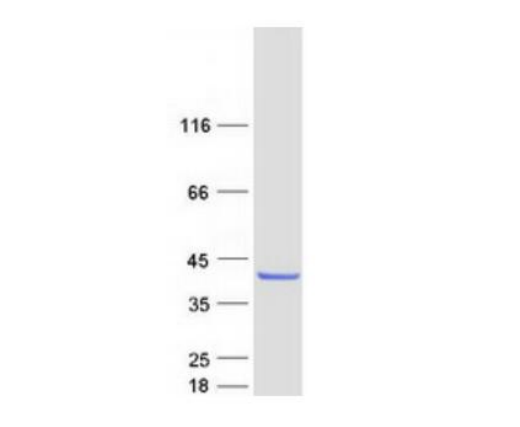
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	COQ9 coenzyme Q9 homolog (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	COQ9
Synonyms	COQ9; coenzyme Q9 homolog (S. cerevisiae); C16orf49, chromosome 16 open reading frame 49, coenzyme Q9 homolog (yeast); ubiquinone biosynthesis protein COQ9, mitochondrial; DKFZP434K046; C16orf49; DKFZp434K046;
Gene ID	57017
mRNA Refseq	NM_020312
Protein Refseq	NP_064708
MIM	612837
UniProt ID	O75208

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SDS-PAGE	

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