

Recombinant Full Length Human COQ9 Protein, GST-tagged

Cat. No. COQ9-1979HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COQ9 full-length ORF (AAH64946.1, 1 a.a. - 318 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	318 amino acids
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	61.38 kDa
AA Sequence	MAAAVSGALGRAGWRLQLRCLPVARCRQALVPRAFHASAVGLRSSDEQKQPP NSFSQQHSETQGAEKPDPESSHSPPRYTDQGGEEEEEDYESEEQLQHRILTAALFV PAHGWTAEIAEGAQSLGLSSAAASMFQKDGSELILHFVTQCNTRLTRVLEEEQKL VQLGQAEKRKTDQFLRDAVETRLRMLIPYIEHWPRALSILMLPHNIPSSLSLLTSMVDD MWHYAGDQSTDFNWWYTRRAMLAAYNTTELVMMDSSPDFEDTWRFLLENRVNDA MNMGHTAKQVKSTGEALVQGLMGAAVTLKNLTGLNQRR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	COQ9 coenzyme Q9 homolog (S. cerevisiae) [Homo sapiens]
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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