

Recombinant Human COQ9 Protein, GST-tagged

Cat. No. COQ9-1721H **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	Wheat Germ
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	MAAAVSGALGRAGWRLQLRCLPVARCRQALVPRAFHASAVGLRSSDEKQKQPP NSFSQQHSETQGAEKPDPESSHSPPRYTDQGGEEEEEDYESEEQLQHRILTALEFV PAHGWTAEIAEGAQSLGLSSAAASMFQKDGSELILHFVTQCNTRLTRVLEEEQKLV QLGQAEKRKTDQFLRDAVETRLRMLIPYIEHWPRALSILMLPHNIPSSLSLLTSMVDD MWHYAGDQSTDFNWyTRRAMLAIIYNTELVMQDSSPDFEDTWRFLENRVNDA MNMGHTAKQVKSTGEALVQGLMGAAVTLKNLTGLNQRR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	COQ9
Synonyms	COQ9; coenzyme Q9 homolog (<i>S. cerevisiae</i>); 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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