

Product datasheet for **AR51862PU-S**

COQ9 (45-318, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	COQ9 (45-318, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSRSSDEQK QQPPNSFSQQ HSETQGAKEP DPESHSPPR YTDQGGEEEE DYEEEQQLQH RILTAALFV PAHGWTAEAI AEGAQSLGLS SAAASMFGKD GSELILHFVT QCNTRLTRVL EEEQKLVQLG QAEKRKTDQF LRDAVETRLR MLIPYIEHWP RALSILMLPH NIPSSLSLLT SMVDDMWHYA GDQSTDFNWX TRRAMLAAY NTELVMMQD SSPDFEDTWR FLENRVNDAM NMGHTAKQVK STGEALVQGL MGAAVTLKNL TGLNQRR
Tag:	His-tag
Predicted MW:	33.3 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human COQ9, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_064708
Locus ID:	57017
UniProt ID:	O75208 , A0A024R6U3
Cytogenetics:	16q21
Synonyms:	C16orf49; COQ10D5



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Summary:

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]

Protein Families:

Druggable Genome

Product images: