

Recombinant Human COQ5 Protein, GST-tagged

Cat. No. COQ5-1718H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COQ5 full-length ORF (BAB71567.1, 1 a.a. - 246 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	COQ5 (Coenzyme Q5, Methyltransferase) is a Protein Coding gene. Among its related pathways are Ubiquinol biosynthesis and Metabolism. GO annotations related to this gene include methyltransferase activity and S-adenosylmethionine-dependent methyltransferase activity.
Molecular Mass	54.3 kDa
AA Sequence	MAAPGSCALWSYCGRGWSRAMRGCQLLGLRSSWPGDLLSARLLSQEKRAAETHF GFETVSEEEKGGKVYQVFESVAKKYDVMNDMMSLGIHRVWKDLLLWKMHPLPGTQ LLDVAGGTGDINKEMLKVGKQKALAQGHDRRCRLSQGDLRKSNIHRCGHSFWLQT LIPFLSWSMNQSYPVESLELKDNLANETA AEHLLLIRALDSCLNRTVSKWKNKFLSL FYSFLWSCFSPSPRGIWSVSLLNC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	COQ5 coenzyme Q5 homolog, methyltransferase (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	COQ5
Synonyms	COQ5; coenzyme Q5 homolog, methyltransferase (<i>S. cerevisiae</i>); coenzyme Q5 homolog, methyltransferase (yeast); 2-methoxy-6-polyprenyl-1,4-benzoquinol methylase, mitochondrial; 2 methoxy 6 polyprenyl 1; 4 benzoquinol methylase; MGC4767; ubiquinone biosynthesis methyltransferase COQ5, mitochondrial; MGC104303;
Gene ID	84274
mRNA Refseq	NM_032314
Protein Refseq	NP_115690
MIM	616359
UniProt ID	Q5HYK3