Recombinant Human CYC1 Protein, GST-tagged

Cat. No. CYC1-2224H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYC1 full-length ORF (AAH01006, 1 a.a. - 325 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a subunit of the cytochrome bc1 complex, which plays an important role in the mitochondrial respiratory chain by transferring electrons from the Rieske iron-sulfur protein to cytochrome c. Mutations in this gene may cause mitochondrial complex III deficiency, nuclear type 6. [provided by RefSeq, Dec 2013]
Molecular Mass	61.49 kDa
AA Sequence	MAAAAASLRGVVLGPRGAGLPGARARGLLCSARPGQLPLRTPQAVALSSKSGLSR GRKVMLSALGMLAAGGAGLAVALHSAVSASDLELHPPSYPWSHRGLLSSLDHTSIR RGFQVYKQVCASCHSMDFVAYRHLVGVCYTEDEAKELAAEVEVQDGPNEDGEMF MRPGKLFDYFPKPYPNSEAARAANNGALPPDLSYIVRARHGGEDYVFSLLTGYCEP PTGVSLREGLYFNPYFPGQAIAMAPPIYTDVLEFDDGTPATMSQIAKDVCTFLRWAS EPEHDHRKRMGLKMLMMMALLVPLVYTIKRHKWSVLKSRKLAYRPPK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

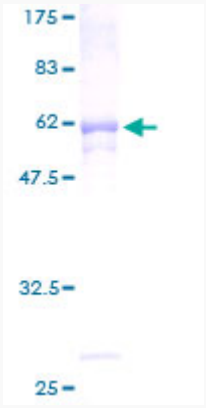
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45-1 Ramsey Road, Shirley, NY 11967, USA

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	CYC1 cytochrome c-1 [Homo sapiens]
Official Symbol	CYC1
Synonyms	CYC1; cytochrome c-1; cytochrome c1, heme protein, mitochondrial; UQCR4; complex III subunit 4; complex III subunit IV; cytochrome b-c1 complex subunit 4; ubiquinol-cytochrome-c reductase complex cytochrome c1 subunit;
Gene ID	1537
mRNA Refseq	NM_001916
Protein Refseq	NP_001907
MIM	123980
UniProt ID	P08574

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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