

Recombinant Full Length Human CYCS Protein, GST-tagged

Cat. No. CYCS-2400HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYCS full-length ORF (AAH05299, 1 a.a. - 105 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	105 amino acids
Description	This gene encodes a small heme protein that functions as a central component of the electron transport chain in mitochondria. The encoded protein associates with the inner membrane of the mitochondrion where it accepts electrons from cytochrome b and transfers them to the cytochrome oxidase complex. This protein is also involved in initiation of apoptosis. Mutations in this gene are associated with autosomal dominant nonsyndromic thrombocytopenia. Numerous processed pseudogenes of this gene are found throughout the human genome.[provided by RefSeq, Jul 2010]
Molecular Mass	37.29 kDa
AA Sequence	MGDVEKGKKIFIMKCSQCHTVEKGGKHKTGPNLHGLFGRKTGQAPGYSYTAANKN KGIIWGEDTLMEYLENPKKYIPGTMIFVGIKKKEERADLIAYLKATNE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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	CYCS cytochrome c, somatic [Homo sapiens]
Official Symbol	CYCS
Synonyms	CYCS; cytochrome c, somatic; cytochrome c; HCS; CYC; THC4;
Gene ID	54205
mRNA Refseq	NM_018947
Protein Refseq	NP_061820
MIM	123970
UniProt ID	P99999

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