

Recombinant Human CYCS Protein, His-tagged

Cat. No. CYCS-1296H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYCS Protein (Gly2-Glu105) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly2-Glu105
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.3 kDa Accurate Molecular Mass: 17 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 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

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	CYCS cytochrome c, somatic [Homo sapiens (human)]
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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