

Native Horse Cytochrome C

Cat. No. CYTC-168E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified Native Horse Heart Cytochrome C. CAS Number: 9007-43-6; Iron Assay:
Species	Equine
Source	Horse Heart
Description	Cytochrome c, or cyt c, is a small heme protein found loosely associated with the inner membrane of the mitochondrion. It belongs to the cytochrome c family of proteins. It is a highly soluble protein, unlike other cytochromes, with a solubility of about 100 g/L and is an essential component of the electron transport chain, where it carries one electron. It is capable of undergoing oxidation and reduction, but does not bind oxygen. It transfers electrons between Complexes III and IV. In humans, cytochrome c is encoded by the CYCS gene.
Form	Lyophilized Redish Brown
Purity	>98%
Storage	Store at 2-8°C.

GENE INFORMATION

Gene Name	CYCS cytochrome c, somatic [Equus caballus]
Official Symbol	CYCS

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Synonyms	CYCS; cytochrome c, somatic; cytochrome c;
Gene ID	100053958
mRNA Refseq	NM_001164014
Protein Refseq	NP_001157486
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Colorectal cancer, organism-specific biosystem;

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