

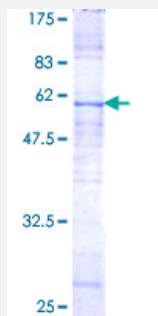
Full-Length

CYC1 (Human) Recombinant Protein (P02)

Catalog # H00001537-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CYC1 full-length ORF (AAH20566, 1 a.a. - 325 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAAAASLRGVVLGPRGAGLPGARARGLLCSARPGQLPLRTPQAVALS SSKSGLSRGRKVMLSA
LGMLAAGGAGLAVALHSAVSASDLELHPPSYWPSHRGLSSLDHTSIRRGFQVYKQVCASCHSM
DFVAYRHLVGVCYTEDEAKELAAEVEVQDGPNEGEMFMRPGKLFDYFPKPYPNSEAARAANN
GALPPDLSYIVRARHGGEDYVFSLLTGYCEPPTGVSLREGLYFNPYFPGQAAMAPPITDVLEFD
DGT PATMSQIAKDVCTFLRWASEPEHDHRKRMGLKMLMMALLVPLVYTIKRHKWSVLKSRKLA
YRPPK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.49

Interspecies Antigen Sequence

Mouse (91); Rat (91)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CYC1

Entrez GeneID[1537](#)**GeneBank Accession#**[BC020566](#)**Protein Accession#**[AAH20566](#)**Gene Name**

CYC1

Gene Alias

UQCR4

Gene Description

cytochrome c-1

Omim ID[123980](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

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Publication Reference

- [Low-intensity pulsed ultrasound-generated singlet oxygen induces telomere damage leading to glioma stem cell awakening from quiescence.](#)

Sirong Song, Dongbin Ma, Lixia Xu, Qiong Wang, Lanxiang Liu, Xiaoguang Tong, Hua Yan.

iScience 2022 Jan; 25(1):103558.

Application: Sub, Recombinant proteins

Pathway

- [Cardiac muscle contraction](#)
- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)