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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CS (Human) Recombinant Protein (P02)

Catalog Number: H00001431-P02

Regulation Status: For research use only (RUO)

Product Description: Human CS full-length ORF (NP_938083.1, 1 a.a. - 400 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MMYGGMRGMKGLVYETSVLDPDEGIRFRGFSIPECQ
KLLPKAKGGEEPLPEGLFWLLVTGHIPTTEEQVSWLSKE
WAKRAALPSHVVTMLDNFPTNLHPMSQLSAAVTALNS
ESNFARAYAQQISRKYWELIYEDSMDLIAKLPCVAAKI
YRNLYREGSGIGAIDSNLDWSHNFTNMLGYTDHQFTE
LTRLYLTIHSDHEGGNVAHTSHLVGSALSDPYLSFAA
AMNGLAGPLHGLANQEVLVWLTQLQKEVGKDVSEK
LRDIYWNTLNSGRVVPYGYGHAVLRKTDPRYTCQREFA
LKHLPNDPMFKLVAQLYKIVPNVLEQQKAKNPWPNV
DAHSGVLLQYYGMTEMNYYTVLFGVSRALGVLAQLIW
SRALGFPLERP KSMSTEGLMKFVDSKSG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 71.1

Interspecies Antigen Sequence: Mouse (95); Rat (95)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 1431

Gene Symbol: CS

Gene Alias: -

Gene Summary: The protein encoded by this gene is a Krebs tricarboxylic acid cycle enzyme that catalyzes the synthesis of citrate from oxaloacetate and acetyl coenzyme A. The enzyme is found in nearly all cells capable of oxidative metabolism. This protein is nuclear encoded and transported into the mitochondrial matrix, where the mature form is found. [provided by RefSeq]