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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DCI (Human) Recombinant Protein (P01)

Catalog Number: H00001632-P01

Regulation Status: For research use only (RUO)

Product Description: Human DCI full-length ORF (AAH09631.1, 1 a.a. - 243 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKFKNPPVNSLSLEFLTELVISLEKLENDKSFVRGIVLTS
DRPGVFSAGLDLTEMCGRSPAHYAGYWKAVQELWLR
LYQSNLVLVSAINGACPAGGCLVALTCDYRILADNPRY
CIGLNETQLGHIAPFWLKDTLENTIGHRAAERALQLGLL
FPPAEALQVGIVDQVVPVEEQVQSTALSAIAQWMAIPDH
ARQLTKAMMRKATASRLVTQRDADVQNFVFSISKDSI
QKSLQMYLERLKEEKG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 53.4

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: 1632

Gene Symbol: DCI

Gene Alias: -

Gene Summary: This gene encodes a member of the

hydratase/isomerase superfamily. The protein encoded is a key mitochondrial enzyme involved in beta-oxidation of unsaturated fatty acids. It catalyzes the transformation of 3-cis and 3-trans-enoyl-CoA esters arising during the stepwise degradation of cis-, mono-, and polyunsaturated fatty acids to the 2-trans-enoyl-CoA intermediates. Alternatively spliced transcript variants have been described, but their full-length nature has not been determined. [provided by RefSeq]