



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CDA (Human) Recombinant Protein

Catalog Number: P9591

Regulation Status: For research use only (RUO)

Product Description: Human CDA (P32320, 1 a.a. - 146 a.a.) full recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHSSGLVPRGSHMAQKRPACTLKPECV
QQLLVCSQEAKQSAYCPYSHFPVGAALLTQEGRIFKG
CNIENACYPLGICAERTAIQKAVSEGYKDFRAIAIASDM
QDDFISPCGACRQVMREFGTNWPVYMTKPDGTYIVM
TVQELLPSSFGPEDLQKTQ

Host: *Escherichia coli*

Theoretical MW (kDa): 18.3

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

Form: Liquid

Preparation Method: *Escherichia coli* expression
system

Purity: > 90.0% by SDS-PAGE

Activity: Specific activity is >> 10000 pmol/min/ug, and
is defined as the amount of required to deaminate 1.0
pmole of cytidine per min at pH 7.5 at 25°C

Recommend Usage: Biological Activity

SDS-PAGE

The optimal working dilution should be determined by
the end user.

Storage Buffer: In 20mM Tris-HCl pH 8.0 (100 mM
NaCl, 1 mM DTT, 2 mM EDTA and 40% glycerol)

Storage Instruction: Store at 2°C to 8°C for 1 week.
For long term storage, aliquot and store at -20°C to
-80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 978

Gene Symbol: CDA

Gene Alias: CDD

Gene Summary: This gene encodes an enzyme
involved in pyrimidine salvaging. The encoded protein
forms a homotetramer that catalyzes the irreversible
hydrolytic deamination of cytidine and deoxycytidine to
uridine and deoxyuridine, respectively. It is one of
several deaminases responsible for maintaining the
cellular pyrimidine pool. Mutations in this gene are
associated with decreased sensitivity to the cytosine
nucleoside analogue cytosine arabinoside used in the
treatment of certain childhood leukemias. [provided by
RefSeq]