

Product datasheet

Recombinant human CDA protein ab99441

1 Image

Description

Product name	Recombinant human CDA protein
Biological activity	Specific activity is > 10,000 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 25C.
Purity	> 90 % SDS-PAGE. ab99441 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P32320</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMAQKR PACTLKPECVQQ LLVCSQEAKQSAY CPYSHFPVGAALLTQEGRIFKGCNIENACYPLGICAERTAIQ KAVSEGYK DFRAIAIASDMQDDFISPCGACRQVMREFGTNWPVYMTK PDGTYVMTVQ ELLPSSFGPEDLQKTQ
Predicted molecular weight	18 kDa including tags
Amino acids	1 to 146
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab99441** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

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Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 0.0584% EDTA, 40% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

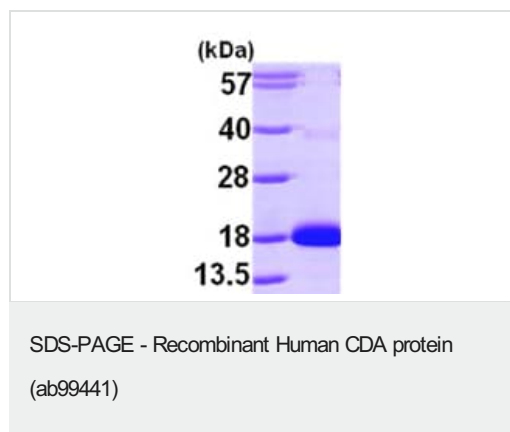
This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Relevance

CDA (Cytidine deaminase) scavengers exogenous and endogenous cytidine and 2'-deoxycytidine for UMP synthesis. Growth inhibition of granulocyte-macrophage colony forming cells by human cytidine deaminase requires the catalytic function of the protein. It is highly expressed in granulocytes.

Images



15% SDS-PAGE showing ab99441 at approximately 18.3kDa (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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