

Recombinant Human CDA Protein, GST-Tagged

Cat. No. CDA-0894H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDA full-length ORF (AAH54036, 1 a.a. - 146 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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, Jul 2008]
Molecular Mass	41.8 kDa
AA Sequence	MAQKRPACTLKPECVQQLLVCSQEAKQSAYCPYSHFPVGAALLTQEGRIFKGCNIE NACYPLGICAERTAIQKAVSEGYKDFRAIAIASDMQDDFISPCGACRQVMREFGTNW PVYMTKPDGTYIVMTVQELLPSFSGPEDLQKTQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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GENE INFORMATION

Gene Name	CDA cytidine deaminase [Homo sapiens]
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Official Symbol	CDA
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Synonyms	CDA; cytidine deaminase; CDD; cytidine aminohydrolase; small cytidine deaminase; cytosine nucleoside deaminase;
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Gene ID	978
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mRNA Refseq	NM_001785
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Protein Refseq	NP_001776
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MIM	123920
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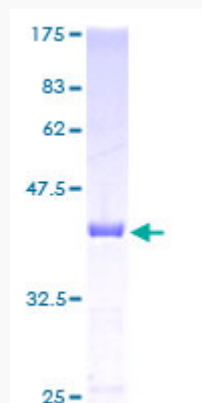
UniProt ID	P32320
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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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