

Recombinant Human CDA protein, T7/His-tagged

Cat. No. CDA-206H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CDA cDNA (145 aa) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGRHHHHHHENLYFQGGEFAQKRPACTLKPECVQQLLVCSQEAK KSAYCPYSHFPVGAALLTQEG RIFKGCNIENACYPLGICAERTAIQKAVSEGYKDFFR AIAIASDMQDDFISPCGACRQVMREFGTNWPVYMTKPDG TYIVMTVQELLPSSEFGP EDLQKTQ
Purity	>90% by SDS-PAGE.
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

GENE INFORMATION

Gene Name	CDA cytidine deaminase [Homo sapiens]
Official Symbol	CDA

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Synonyms	CDA; cytidine deaminase; CDD; cytidine aminohydrolase; small cytidine deaminase; cytosine nucleoside deaminase;
Gene ID	978
mRNA Refseq	NM_001785
Protein Refseq	NP_001776
MIM	123920
UniProt ID	P32320
Chromosome Location	1p36.2-p35
Pathway	Drug metabolism - other enzymes, organism-specific biosystem; Drug metabolism - other enzymes, conserved biosystem; Fluoropyrimidine Activity, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Pyrimidine metabolism, organism-specific biosystem;
Function	cytidine deaminase activity; cytidine deaminase activity; hydrolase activity; metal ion binding; nucleoside binding; protein homodimerization activity; zinc ion binding; zinc ion binding;