

# Human CDA Recombinant Protein



RPPB1479

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## Product Information    Protein Information

**Product SKU:**

RPPB1479

**Accession:**

P32320

**Host:**

Escherichia Coli.

**Protein description:**

CDA Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 166 amino acids (1-146 a.a.) and having a molecular mass of 18.3kDa. The CDA is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Cytidine deaminase, Cytidine aminohydrolase, CDA, CDD.

**Formulation:**

The CDA solution (0.5mg/ml) contains 20mM Tris-HCl Buffer (pH 8.0), 1mM DTT, 2mM EDTA, 100mM NaCl and 40% Glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MAQKRPACTL KPECVQQLLV CSQEAQQSAY CPYSHFPVGA ALLTQEGRIF  
KGCNIENACY PLGICAERTA IQKAVSEGYK DFRAIAIASD MQDDFISPCG ACRQVMREFG TNWPVYMTKP  
DGTIYVMTVQ ELLPSSFGPE DLQKTQ.

**Biological Activity:**

Specific activity is > 10,000pmol/min/ug, and is defined as the amount of required to deaminate 1.0pmole of cytidine per min at pH 7.5 at 25C.