

Adenosine deaminase, Recombinant

Cat. No. NATE-1009

Lot. No. (See product label)

Introduction

Description Recombinant Adenosine Deaminase for advanced research on purine metabolism and enzymatic activity. Perfect for biochemistry and pharmacology studies. Creative Enzymes delivers high-purity, trusted solutions.

Synonyms ADA; adenosine deaminase; adenosine aminohydrolase; 9026-93-1; EC 3.5.4.4

Product Information

Source E. coli

Appearance White powder, lyophilized

EC Number EC 3.5.4.4

CAS No. 9026-93-1

Molecular Weight About 43kDa (SDS-PAGE)

Purity > 90 %

Activity ~160U/mg protein

Isoelectric point 5.43

pH Stability 7.0-9.0

Unit Definition One unit will deaminate 1.0 μ mole of adenosine to inosine per min at pH 7.5 at 25°C.

Storage and Shipping Information

Storage Redissolved in 20% glycerol, 4°C, store at -20°C for long-term preservation, Avoid multiple freeze-thaw cycles.