

Adenosine deaminase from Human, Recombinant

Cat. No. NATE-1583

Lot. No. (See product label)

Introduction

Description Adenosine deaminase is an enzyme (EC 3.5.4.4) involved in purine metabolism. It is needed for the breakdown of adenosine from food and for the turnover of nucleic acids in tissues. Present in virtually all mammalian cells, its primary function in Humans is the development and maintenance of the immune system.

Applications Adenosine deaminase (ADA) is a key enzyme in purine metabolism and is essential for normal immune function. It is important in the study of immune system diseases such as rheumatoid arthritis.

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

Product Information

Species Human

Source E. coli

EC Number EC 3.5.4.4

CAS No. 9026-93-1

Activity >1 U/mL

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 Store at -20°C