

Adenosine deaminase from Human, Recombinant

Product Information

Cat#	NATE-1583
Similar	ADA
Source	E. coli
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.
Activity	>1 U/mL
CAS No.	9026-93-1
Unit Definition	One unit will deaminate 1.0 μ mole of adenosine to inosine per min at pH 7.5 at 25°C.
Storage	Store at -20°C
Synonyms	ADA; adenosine deaminase; adenosine aminohydrolase; 9026-93-1; EC 3.5.4.4
Enzyme Commission Number	EC 3.5.4.4
Abbr	ADA, Recombinant (Human)
Alias	ADA
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.
Species	Human