

Adenosine deaminase, Recombinant

Product Information

Cat#	NATE-1009
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	200U/mg protein
CAS No.	9026-93-1
Isoelectric point	5.43
Unit Definition	One unit will deaminate 1.0 μ mole of adenosine to inosine per min at pH 7.5 at 25°C.
Storage	Redissolved in 20% glycerol, 4°C, store at -20°C for long-term preservation, Avoid multiple freeze-thaw cycles.
Synonyms	ADA; adenosine deaminase; adenosine aminohydrolase; 9026-93-1; EC 3.5.4.4
Enzyme Commission Number	EC 3.5.4.4
Purity	> 90 %
pH Stability	7.0-9.0
Appearance	White powder, lyophilized
Molecular Weight	About 53kDa (SDS-PAGE)