

Native Bovine adenosine deaminase therapeutic protein (Pegademase bovine)

Cat. No. ADA-P036B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Bovine adenosine deaminase derived from bovine intestine that has been extensively pegylated for extended serum half life.
Species	Bovine
Source	Bovine Intestine
CAS number	9026-93-1
Molecular Mass	40.8 kDa
AA Sequence	MAQTPAFNPKPKVELHVHLDGAIKPETILYYGRKRGIALPADTPEELQNIIGMDKPLSLP EFLAKFDYYMPA IAGCREAVKRIAYEFVEMKAKDGVVYVEVRYSPELLANSKVEPIP WNQAEGLTLPDEVVSLVNQGLQGER DFGVKVRSILCCMRHQPSWSSEVVELCK KYREQTVVAIDLAGEDETIEGSSLFPGHV KAYAEAVKSGVHRTV HAGEVGSANVVKE AVDTLKTERLGHGYHTLEDATLYNRLRQENMHFEVCPWSSYLTGAWKPDTEHPVV RFK NDQVNYSLNTDDPLIFKSTLTDYQMTKNEMGFTEEEFKRLNINAAKSSFLPED EKKELDLLYKAYGMPS PASAEQCL
Endotoxin	< 0.1 eu per µg of the
Purity	>98%

GENE INFORMATION

Gene Name	ADA adenosine deaminase [Bos taurus]
Official Symbol	ADA
Synonyms	adenosine deaminase; adenosine aminohydrolase
Gene ID	280712
mRNA Refseq	NM_173887
Protein Refseq	NP_776312
UniProt ID	P56658
Chromosome Location	chromosome: 13
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Purine metabolism, organism-specific biosystem
Function	adenosine deaminase activity; adenosine deaminase activity; protein binding

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