Datasheet for ABIN667926

# ADA Protein (AA 1-363) (His tag)

1 Image

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## Overview

| | |
|---|---|
| Quantity: | 50 µg |
| Target: | ADA |
| Protein Characteristics: | AA 1-363 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ADA protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

## Product Details

| | |
|---|---|
| Characteristics: | ADA, 1-363aa, Human, His tag, E.coli |
| Purity: | > 85 % by SDS - PAGE |

## Target Details

| | |
|---|---|
| Target: | ADA |
| Alternative Name: | ADA (ADA Products) |
| Background: | ADA, also known as adenosine deaminase, catalyzes the hydrolytic deamination of adenosine and 2-deoxyadenosine. This protein plays an important role in purine metabolism and in adenosine homeostasis. ADA acts as a positive regulator of T-cell coactivation, by binding DPP4. Its interaction with DPP4 regulates lymphocyte-epithelial cell adhesion. Recombinant human ADA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by |

## Target Details

| | |
|---|---|
| | using conventional chromatography. Synonyms: Adenosine deaminase, Adenosine aminohydrolase, ADA1. NCBI no.: NP_000013 |
| Molecular Weight: | 42.9 kDa (383aa), confirmed by MALDI-TOF |
| Pathways: | Regulation of G-Protein Coupled Receptor Protein Signaling, Ribonucleoside Biosynthetic Process |

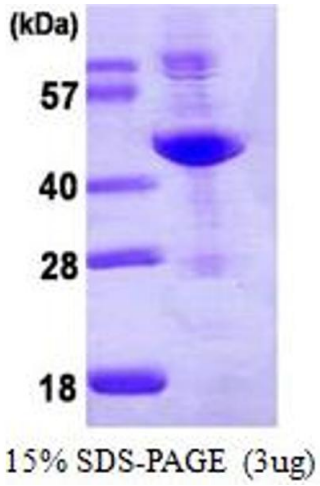
## Application Details

| | |
|---|---|
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 0.5 mg/ml (determined by Bradford assay) |
| Buffer: | Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT |
| Storage: | 4 °C |

## Images



15% SDS-PAGE (3ug)

**SDS-PAGE**

**Image 1.**