

Datasheet for ABIN1098549

**ADI1 Protein (His tag)**[Go to Product page](#)**1** Image

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg                                      |
| Target:                       | ADI1  |
| Origin:                       | Human                                       |
| Source:                       | Escherichia coli (E. coli)                  |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This ADI1 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS)                              |

## Product Details

|               |                            |
|---------------|----------------------------|
| Purification: | purified by chromatography |
| Purity:       | > 90 % by SDS - PAGE       |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | ADI1   |
| Alternative Name: | ADI1 ( <a href="#">ADI1 Products</a> )   |
| Background:       | <p>ADI1 is an enzyme that belongs to the acireductone dioxygenase family of metal-binding enzymes, which are involved in methionine salvage. This enzyme may regulate mRNA processing in the nucleus, and may carry out different functions depending on its localization. Also, it down-regulates cell migration mediated by MMP14. Recombinant human ADI1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.</p> |

## Target Details

Molecular Weight: 25.6 kDa (216aa) confirmed by MALDI-TOF

NCBI Accession: [NP\\_060739](#)

Pathways: [Methionine Biosynthetic Process](#)

## Application Details

Comment: Synonyms: Acireductone dioxygenase 1, APL1, ARD, FLJ10913, HMFT1638, MTCBP-1, SIPL

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl, 10% glycerol, 1 mM DTT

Storage: 4 °C

Storage Comment: Avoid repeated freezing and thawing cycles.

## Images

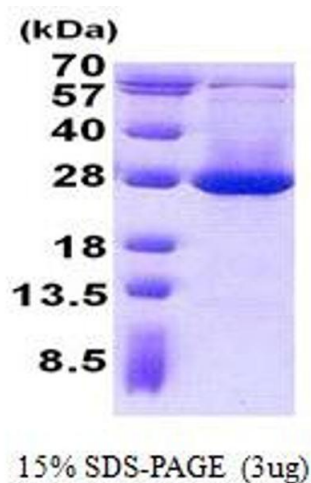


Image 1.