

## Recombinant Human AZIN1 protein, His-tagged

**Cat. No.** AZIN1-8966H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human AZIN1 protein(330-448 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 330-448 aa                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole. |
| <b>AASequence</b>       | EDLNTIPEVHKKYKEDEPLFTSSLWGSPSCDELDQIVESCLLPENVGDWLIFDNMGA<br>DSFHEPSAFNDFQRPAIYYMMSFSDWYEMQDAGITSDSMMKNFFFVPSCIQLSQED<br>SFSAEA                                                                                                                                                                                                                                              |
| <b>Purity</b>           | 85%, by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                                                                                        |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                                                                                                                                                     |

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0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

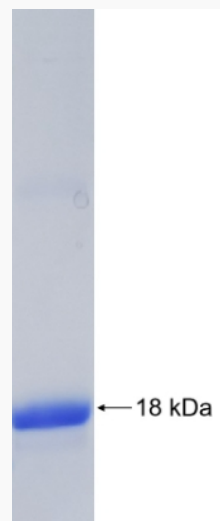
## GENE INFORMATION

|                 |                                                                                                                                                                                                       |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | AZIN1 antizyme inhibitor 1 [ Homo sapiens ]                                                                                                                                                           |
| Official Symbol | AZIN1                                                                                                                                                                                                 |
| Synonyms        | AZIN1; antizyme inhibitor 1; OAZIN, ornithine decarboxylase antizyme inhibitor; OAZI; ODC1L; ornithine decarboxylase 1 like; AZI; ornithine decarboxylase antizyme inhibitor; OAZIN; MGC691; MGC3832; |
| mRNA Refseq     | NM_015878                                                                                                                                                                                             |
| Protein Refseq  | NP_056962                                                                                                                                                                                             |
| MIM             | 607909                                                                                                                                                                                                |
| UniProt ID      | O14977                                                                                                                                                                                                |
| Gene ID         | 51582                                                                                                                                                                                                 |

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**SDS-PAGE**

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