

## 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>	EDLNTIPEVHKYKEDLFTSSLWGPSCDELQIVESCLLPELNVGDWLIQFDNMGA DSFHPSAFNDFQRPAIYYMMSFSDWYEMQDAGITSDSMMKNFFFVPSCIQLSQED 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

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

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**SDS-PAGE**



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