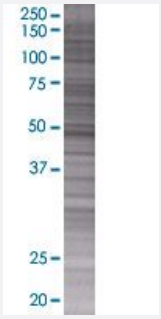
AZIN1 293T Cell Transient Overexpression Lysate(Denatured)

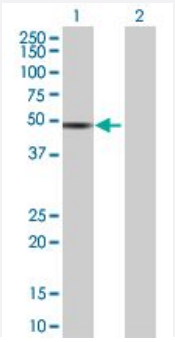
Catalog # H00051582-T01 Size 100 uL

Applications



SDS-PAGE Gel

AZIN1 transfected lysate.



Western Blot

Lane 1: AZIN1 transfected lysate (49.39 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-AZIN1 full-length
Host	Human
Theoretical MW (kDa)	49.39
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-AZIN1 antibody (H00051582-B01) by Western Blots. SDS-PAGE Gel AZIN1 transfected lysate. Western Blot Lane 1: AZIN1 transfected lysate (49.39 KDa) Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — AZIN1

Entrez GeneID	51582
GeneBank Accession#	NM_015878.4
Protein Accession#	NP_056962.2
Gene Name	AZIN1
Gene Alias	MGC3832, MGC691, OAZI, OAZIN, ODC1L
Gene Description	antizyme inhibitor 1
Omim ID	607909
Gene Ontology	Hyperlink
Gene Summary	Ornithine decarboxylase (ODC) catalyzes the conversion of ornithine to putrescine in the first and apparently rate-limiting step in polyamine biosynthesis. Ornithine decarboxylase antizymes play a role in the regulation of polyamine synthesis by binding to and inhibiting ornithine decarboxylase. The protein encoded by this gene is highly similar to ODC. It binds to ODC antizyme and stabilizes ODC, thus inhibiting antizyme-mediated ODC degradation. Two alternatively spliced transcript variants have been found for this gene. [provided by RefSeq
Other Designations	ornithine decarboxylase 1-like|ornithine decarboxylase antizyme inhibitor