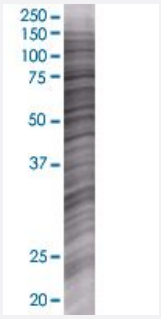
OAZ3 293T Cell Transient Overexpression Lysate(Denatured)

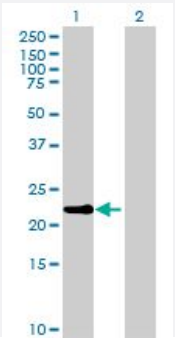
Catalog # H00051686-T01 Size 100 uL

Applications



SDS-PAGE Gel

OAZ3 transfected lysate.



Western Blot

Lane 1: OAZ3 transfected lysate (21.7 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-OAZ3 full-length
Host	Human
Theoretical MW (kDa)	21.7
Interspecies Antigen Sequence	Mouse (81); Rat (78)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-OAZ3 antibody (H00051686-B01) by Western Blots. SDS-PAGE Gel OAZ3 transfected lysate. Western Blot Lane 1: OAZ3 transfected lysate (21.7 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 — OAZ3

Entrez GeneID	51686
GeneBank Accession#	BC073949
Protein Accession#	AAH73949.1
Gene Name	OAZ3
Gene Alias	AZ3, OAZ-t, TISP15
Gene Description	ornithine decarboxylase antizyme 3
Omim ID	605138
Gene Ontology	Hyperlink
Gene Summary	Ornithine decarboxylase catalyzes the conversion of ornithine to putrescine in the first and apparently rate-limiting step in polyamine biosynthesis. The ornithine decarboxylase antizymes play a role in the regulation of polyamine synthesis by binding to and inhibiting ornithine decarboxylase. Antizyme expression is auto-regulated by polyamine-enhanced translational frameshifting. In contrast to antizymes 1 and 2, which are widely expressed throughout the body, the expression of this gene product (antizyme 3) is restricted to testis germ cells, and thus it is a possible candidate for heritable forms of human male infertility. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	antizyme 3

Disease

- Genetic Predisposition to Disease
- Infertility