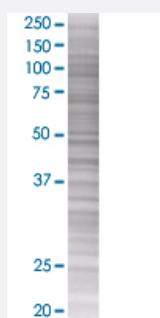


IDO1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003620-T01

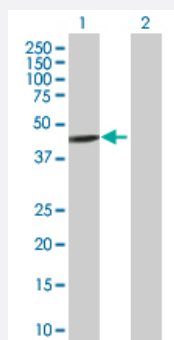
Size 100 uL

Applications



SDS-PAGE Gel

IDO1 transfected lysate.



Western Blot

Lane 1: IDO1 transfected lysate (44.44 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-IDO1 full-length

Host Human

Theoretical MW (kDa) 44.44

Quality Control Testing Transient overexpression cell lysate was tested with Anti-IDO1 antibody ([H00003620-B01](#)) by Western Blots.
 SDS-PAGE Gel
 IDO1 transfected lysate.
 Western Blot
 Lane 1: IDO1 transfected lysate (44.44 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 — IDO1

Entrez GeneID	3620
GeneBank Accession#	NM_002164.3
Protein Accession#	-
Gene Name	IDO1
Gene Alias	CD107B, IDO, INDO
Gene Description	indoleamine 2,3-dioxygenase 1
Omim ID	147435
Gene Ontology	Hyperlink
Gene Summary	Gamma-interferon (IFNG; MIM 147570) has an antiproliferative effect on many tumor cells and inhibits intracellular pathogens such as Toxoplasma and Chlamydia, at least partly because of the induction of indoleamine 2,3-dioxygenase (INDO; EC 1.13.11.52). This enzyme catalyzes the degradation of the essential amino acid L-tryptophan to N-formyl-kynurenine.[supplied by OMIM]
Other Designations	indole 2,3-dioxygenase indoleamine-pyrrole 2,3 dioxygenase

Pathway

- [Metabolic pathways](#)
- [Tryptophan metabolism](#)

Disease

- [Hepatitis C](#)
- [Multiple Sclerosis](#)
- [Pre-Eclampsia](#)