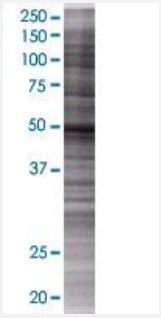
CNDP2 293T Cell Transient Overexpression Lysate(Denatured)

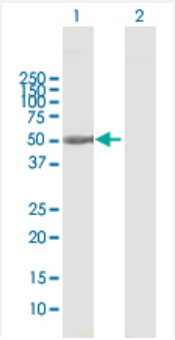
Catalog # H00055748-T01 Size 100 uL

Applications



SDS-PAGE Gel

CNDP2 transfected lysate.



Western Blot

Lane 1: CNDP2 transfected lysate (52.9 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CNDP2 full-length
Host	Human
Theoretical MW (kDa)	52.9
Interspecies Antigen Sequence	Mouse (91); Rat (90)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-CNDP2 antibody (H00055748-B01) by Western Blots. SDS-PAGE Gel CNDP2 transfected lysate. Western Blot Lane 1: CNDP2 transfected lysate (52.9 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 — CNDP2

Entrez GeneID	55748
GeneBank Accession#	BC001375
Protein Accession#	AAH01375
Gene Name	CNDP2
Gene Alias	CN2, CPGL, FLJ10830, HsT2298, PEPA
Gene Description	CNDP dipeptidase 2 (metallopeptidase M20 family)
Omim ID	169800
Gene Ontology	Hyperlink
Gene Summary	CNDP2, also known as tissue carnosinase and peptidase A (EC 3.4.13.18), is a nonspecific dipeptidase rather than a selective carnosinase (Teufel et al., 2003 [PubMed 12473676]).[supplied by OMIM
Other Designations	CNDP dipeptidase 2|cytosolic nonspecific dipeptidase|peptidase A

Disease

- Diabetes Mellitus

- Diabetic Nephropathies
- Genetic Predisposition to Disease
- Kidney Failure