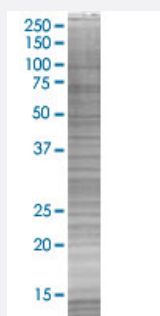


ENOX1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00055068-T02

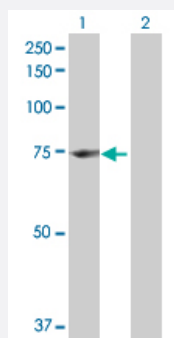
Size 100 uL

Applications



SDS-PAGE Gel

ENOX1 transfected lysate.



Western Blot

Lane 1: Enox1 transfected lysate (73.3 KDa)

Lane 2: Non-transfected lysate.

Specification

| | |
|-------------------------------|------------------------|
| Transfected Cell Line | 293T |
| Plasmid | pCMV-ENOX1 full-length |
| Host | Human |
| Theoretical MW (kDa) | 73.3 |
| Interspecies Antigen Sequence | Mouse (94) |

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ENOX1 antibody ([H00055068-B01P](#)) by Western Blots.
SDS-PAGE Gel
ENOX1 transfected lysate.
Western Blot
Lane 1: ENOX1 transfected lysate (73.3 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 — ENOX1

Entrez GeneID

[55068](#)

GeneBank Accession#

[BC024178](#)

Protein Accession#

[AAH24178.1](#)

Gene Name

ENOX1

Gene Alias

CNOX, FLJ10094, PIG38, bA64J21.1, cCNOX

Gene Description

ecto-NOX disulfide-thiol exchanger 1

Omim ID

[610914](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Electron transport pathways are generally associated with mitochondrial membranes, but non-mitochondrial pathways are also biologically significant. Plasma membrane electron transport pathways are involved in functions as diverse as cellular defense, intracellular redox homeostasis, and control of cell growth and survival. Members of the ecto-NOX family, such as CNOX, or ENOX1, are involved in plasma membrane transport pathways. These enzymes exhibit both a hydroquinone (NADH) oxidase activity and a protein disulfide-thiol interchange activity in series, with each activity cycling every 22 to 26 minutes (Scarlett et al., 2005 [PubMed 15882838]).[supplied by OMIM]

Other Designations

OTTHUMP00000018332|candidate growth-related and time keeping constitutive hydroquinone (NADH) oxidase|proliferation-inducing protein 38

Disease

- [Tobacco Use Disorder](#)