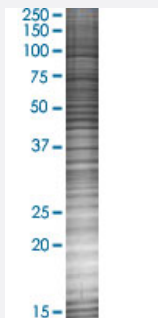


NAPRT1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00093100-T02

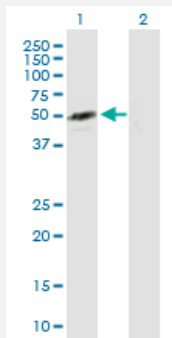
Size 100 uL

Applications



SDS-PAGE Gel

NAPRT1 transfected lysate.



Western Blot

Lane 1: NAPRT1 transfected lysate (49.6 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NAPRT1 full-length
Host	Human
Theoretical MW (kDa)	49.6
Interspecies Antigen Sequence	Mouse (87)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NAPRT1 antibody ([H00093100-B01P](#)) by Western Blots.
SDS-PAGE Gel
NAPRT1 transfected lysate.
Western Blot
Lane 1: NAPRT1 transfected lysate (49.6 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 — NAPRT1

Entrez GeneID[93100](#)**GeneBank Accession#**[NM_145201](#)**Protein Accession#**[NP_660202](#)**Gene Name**

NAPRT1

Gene Alias

PP3856

Gene Description

nicotinate phosphoribosyltransferase domain containing 1

Omim ID[611552](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Nicotinic acid (NA; niacin) is converted by nicotinic acid phosphoribosyltransferase (NAPRT; EC 2.4.2.11) to NA mononucleotide (NaMN), which is then converted to NA adenine dinucleotide (NaAD), and finally to nicotinamide adenine dinucleotide (NAD), which serves as a coenzyme in cellular redox reactions and is an essential component of a variety of processes in cellular metabolism including response to stress (Hara et al., 2007).[supplied by OMIM]

Other Designations

nicotinic acid phosphoribosyltransferase