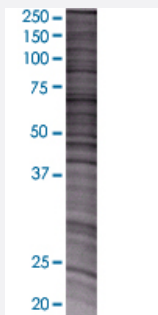


NMNAT3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00349565-T01

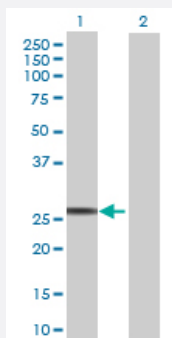
Size 100 uL

Applications



SDS-PAGE Gel

NMNAT3 transfected lysate.



Western Blot

Lane 1: NMNAT3 transfected lysate (23.76 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-NMNAT3 full-length

Host Human

Theoretical MW (kDa) 23.76

Quality Control Testing Transient overexpression cell lysate was tested with Anti-NMNAT3 antibody ([H00349565-B01](#)) by Western Blots.
SDS-PAGE Gel
NMNAT3 transfected lysate.
Western Blot
Lane 1: NMNAT3 transfected lysate (23.76 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 — NMNAT3

Entrez GeneID	349565
GeneBank Accession#	NM_178177.2
Protein Accession#	NP_835471.1
Gene Name	NMNAT3
Gene Alias	PNAT-3, PNAT3
Gene Description	nicotinamide nucleotide adenyltransferase 3
Omim ID	608702
Gene Ontology	Hyperlink
Gene Summary	The coenzyme NAD and its derivatives are involved in hundreds of metabolic redox reactions and are utilized in protein ADP-ribosylation, histone deacetylation, and in some Ca(2+) signaling pathways. NMNAT (EC 2.7.7.1) is a central enzyme in NAD biosynthesis, catalyzing the condensation of nicotinamide mononucleotide (NMN) or nicotinic acid mononucleotide (NaMN) with the AMP moiety of ATP to form NAD or NaAD (Zhang et al., 2003 [PubMed 12574164]).[supplied by OMIM]
Other Designations	pyridine nucleotide adenyltransferase 3

Pathway

- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)