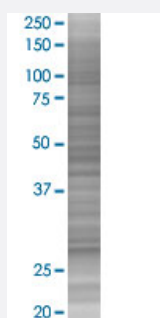


PNMT 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005409-T02

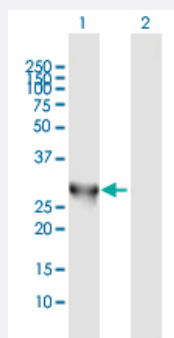
Size 100 uL

Applications



SDS-PAGE Gel

PNMT transfected lysate.



Western Blot

Lane 1: PNMT transfected lysate (30.90 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PNMT full-length

Host Human

Theoretical MW (kDa) 30.9

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PNMT antibody ([H00005409-D01](#)) by Western Blots.
 SDS-PAGE Gel
 PNMT transfected lysate.
 Western Blot
 Lane 1: PNMT transfected lysate (30.90 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 — PNMT

Entrez GeneID	5409
GeneBank Accession#	NM_002686.2
Protein Accession#	NP_002677.1
Gene Name	PNMT
Gene Alias	MGC34570, PENT, PNMTase
Gene Description	phenylethanolamine N-methyltransferase
Omim ID	171190
Gene Ontology	Hyperlink
Gene Summary	The product of this gene catalyzes the last step of the catecholamine biosynthesis pathway, which methylates norepinephrine to form epinephrine (adrenaline). The enzyme also has beta-carboline 2N-methyltransferase activity. This gene is thought to play a key step in regulating epinephrine production. [provided by RefSeq]
Other Designations	OTTHUMP00000164271 noradrenaline N-methyltransferase phenylethanolamine N-methylase

Pathway

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

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Behavior Therapy](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Personality Inventory](#)
- [Reward](#)
- [Weight Loss](#)