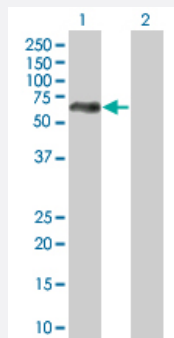


MAOA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004128-T01

Size 100 uL

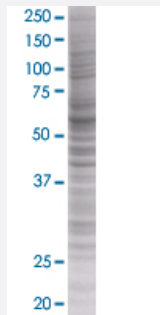
Applications



Western Blot

Lane 1: MAOA transfected lysate (57.97 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

MAOA transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MAOA full-length
Host	Human
Theoretical MW (kDa)	10.01
Interspecies Antigen Sequence	Mouse (88); Rat (88)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MAOA antibody ([H00004128-B01](#)) by Western Blots.

Western Blot

Lane 1: MAOA transfected lysate (57.97 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel

MAOA 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 — MAOA

Entrez GeneID

[4128](#)

GeneBank Accession#

[BC008064](#)

Protein Accession#

[AAH08064](#)

Gene Name

MAOA

Gene Alias

-

Gene Description

monoamine oxidase A

Omim ID

[309850](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes monoamine oxidase A, an enzyme that degrades amine neurotransmitters, such as dopamine, norepinephrine, and serotonin. The protein localizes to the mitochondrial outer membrane. The gene is adjacent to a related gene on the opposite strand of chromosome X. Mutation in this gene results in monoamine oxidase deficiency, or Brunner syndrome. [provided by RefSeq]

Other Designations

OTTHUMP00000023165

Pathway

- [Arginine and proline metabolism](#)
- [Drug metabolism - cytochrome P450](#)
- [Glycine](#)
- [Histidine metabolism](#)
- [Metabolic pathways](#)
- [Phenylalanine metabolism](#)
- [Tryptophan metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Acute Disease](#)
- [Adolescent Psychology](#)
- [Alcoholism](#)
- [Alcohol-Related Disorders](#)
- [Alzheimer disease](#)
- [Aneuploidy](#)
- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Anxiety Disorders](#)
- [Attention](#)
- [Attention Deficit and Disruptive Behavior Disorders](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Avoidance Learning](#)
- [Awareness](#)

- [Basal Ganglia Diseases](#)
- [Bipolar Disorder](#)
- [Body Weight](#)
- [Borderline Personality Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Cataplexy](#)
- [Child Behavior Disorders](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Conduct Disorder](#)
- [Consciousness](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Criminal Psychology](#)
- [Decision Making](#)
- [Dementia](#)
- [Depression](#)
- [Depressive Disorder](#)
- [Developmental Disabilities](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)

- [Dyskinesia](#)
- [Edema](#)
- [Epilepsy](#)
- [Fatigue](#)
- [Fatigue Syndrome](#)
- [Fibromyalgia](#)
- [Fragile X syndrome](#)
- [Gambling](#)
- [Genetic Predisposition to Disease](#)
- [Genetics](#)
- [Gout](#)
- [Headache](#)
- [Heroin Dependence](#)
- [Hyperalgesia](#)
- [Hyperkinesis](#)
- [Impulse Control Disorders](#)
- [Intelligence Tests](#)
- [Klinefelter Syndrome](#)
- [Language Tests](#)
- [Learning Disorders](#)
- [Lewy Body Disease](#)
- [Lung Neoplasms](#)
- [Memory](#)
- [Mental Disorders](#)
- [Mental Retardation](#)
- [Metabolic Syndrome X](#)

- [Migraine Disorders](#)
- [Migraine without Aura](#)
- [Mood Disorders](#)
- [Narcolepsy](#)
- [NARP](#)
- [Nausea](#)
- [Neuropsychological Tests](#)
- [Neurotic Disorders](#)
- [Obesity](#)
- [Obsessive-Compulsive Disorder](#)
- [Ovarian Failure](#)
- [Overweight](#)
- [Pain](#)
- [Pain Threshold](#)
- [Panic Disorder](#)
- [Parkinson disease](#)
- [Personality Assessment](#)
- [Personality Disorders](#)
- [Personality Inventory](#)
- [Personality Tests](#)
- [Phobic Disorders](#)
- [Polycystic Ovary Syndrome](#)
- [Postoperative Complications](#)
- [Pregnancy Complications](#)
- [Premenstrual Syndrome](#)

- [Prenatal Exposure Delayed Effects](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Psychological Tests](#)
- [Psychology](#)
- [Psychometrics](#)
- [Psychoses](#)
- [Puberty](#)
- [Reaction Time](#)
- [Restless Legs Syndrome](#)
- [Reward](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Schizotypal Personality Disorder](#)
- [Sex Chromosome Aberrations](#)
- [Sleep](#)
- [Sleep Deprivation](#)
- [Sleep Disorders](#)
- [Space Perception](#)
- [Startle Reaction](#)
- [Stress](#)
- [Substance-Related Disorders](#)
- [Sudden Infant Death](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Tourette Syndrome](#)

- [Urinary Bladder Neoplasms](#)
- [Weight Gain](#)
- [Werner syndrome](#)
- [Wounds and Injuries](#)