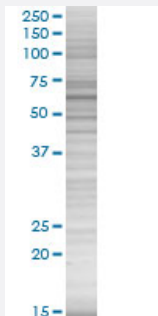


CAT 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000847-T01

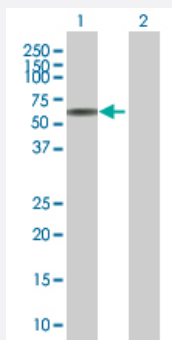
Size 100 uL

Applications



SDS-PAGE Gel

CAT transfected lysate.



Western Blot

Lane 1: CAT transfected lysate (59.8 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CAT full-length
Host	Human
Theoretical MW (kDa)	59.8
Interspecies Antigen Sequence	Mouse (89); Rat (89)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CAT antibody ([H00000847-B01](#)) by Western Blots.
SDS-PAGE Gel
CAT transfected lysate.
Western Blot
Lane 1: CAT transfected lysate (59.8 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 — CAT

Entrez GeneID

[847](#)

GeneBank Accession#

[NM_001752.2](#)

Protein Accession#

-

Gene Name

CAT

Gene Alias

MGC138422, MGC138424

Gene Description

catalase

Omim ID

[115500](#)

Gene Ontology

[Hyperlink](#)

Other Designations

-

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Metabolic pathways](#)
- [Methane metabolism](#)

- [Tryptophan metabolism](#)

Disease

- [Absenteeism](#)
- [Acute Disease](#)
- [Albuminuria](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Arsenic Poisoning](#)
- [Arthritis](#)
- [Asbestosis](#)
- [Asthma](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Delayed Graft Function](#)
- [Depressive Disorder](#)
- [Diabetes](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Models](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Helicobacter Infections](#)
- [Hypertension](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intestinal Neoplasms](#)
- [Keratoses](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)

- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Malnutrition](#)
- [Melanoma](#)
- [Metaplasia](#)
- [Mouth Neoplasms](#)
- [Neoplasms](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Poisoning](#)
- [Precancerous Conditions](#)
- [Pregnancy Complications](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pseudoxanthoma Elasticum](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Respiratory Tract Diseases](#)
- [Skin Neoplasms](#)

- [Stomach Neoplasms](#)
- [Substance-Related Disorders](#)
- [Sunburn](#)
- [Urinary Bladder Neoplasms](#)
- [Vitiligo](#)
- [Werner syndrome](#)