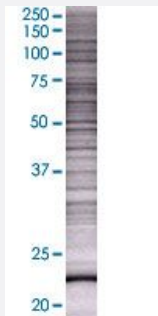


# MGMT 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004255-T01

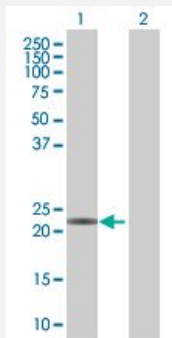
Size 100 uL

## Applications



### SDS-PAGE Gel

MGMT transfected lysate.



### Western Blot

Lane 1: MGMT transfected lysate ( 22.88 KDa)

Lane 2: Non-transfected lysate.

## Specification

|                               |                       |
|-------------------------------|-----------------------|
| Transfected Cell Line         | 293T                  |
| Plasmid                       | pCMV-MGMT full-length |
| Host                          | Human                 |
| Theoretical MW (kDa)          | 22.88                 |
| Interspecies Antigen Sequence | Mouse (69); Rat (69)  |

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-MGMT antibody ([H00004255-B01](#)) by Western Blots.  
SDS-PAGE Gel  
MGMT transfected lysate.  
Western Blot  
Lane 1: MGMT transfected lysate ( 22.88 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 — MGMT

|                     |                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">4255</a>                                                                          |
| GeneBank Accession# | <a href="#">NM_002412.2</a>                                                                   |
| Protein Accession#  | <a href="#">NP_002403.1</a>                                                                   |
| Gene Name           | MGMT                                                                                          |
| Gene Alias          | -                                                                                             |
| Gene Description    | O-6-methylguanine-DNA methyltransferase                                                       |
| Omim ID             | <a href="#">156569</a>                                                                        |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                     |
| Other Designations  | O6-methylguanine-DNA methyltransferase OTTHUMP00000020741 methylguanine-DNA methyltransferase |

## Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)

- [Adenoma](#)
- [Alzheimer Disease](#)
- [Astrocytoma](#)
- [Ataxia telangiectasia](#)
- [Biliary Tract Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Colon cancer](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Heartburn](#)

- [Hyperplasia](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Micronuclei](#)
- [Microsatellite Instability](#)
- [Mouth Neoplasms](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Neutropenia](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Papillomavirus Infections](#)
- [Pharyngeal Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)

- [Pulmonary Disease](#)
- [Spinal Dysraphism](#)
- [Stomach Neoplasms](#)
- [Thrombocytopenia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Werner syndrome](#)