

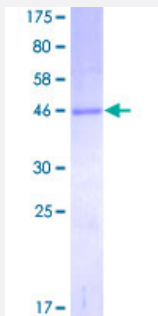
Full-Length

MGMT (Human) Recombinant Protein (P01)

Catalog # H00004255-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MGMT full-length ORF (AAH00824, 1 a.a. - 207 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDKDCEMKRTTLDSP LGKLELSGCEQGLHEIKLLGKGTSAADAVEVPAPAAVLGGPEPLMQCTA WLNAYFHQPEAIEEFVPALHHPVFQQESFTRQVLWKLLKVVKFGEVISYQQLAALAGNPKAARA VGGAMRGNPVPILIPCHRVVCSSGAVGNYSGLAVKEWLLAHEGHRLGKPGLGGSSGLAGAWL KGAGATSGSPAGRN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.4
Interspecies Antigen Sequence	Mouse (69); Rat (69)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MGMT

Entrez GeneID	4255
GeneBank Accession#	BC000824.1
Protein Accession#	AAH00824
Gene Name	MGMT
Gene Alias	-
Gene Description	O-6-methylguanine-DNA methyltransferase
Omim ID	156569
Gene Ontology	Hyperlink
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](#)