Human Methylated-DNA--protein-cysteine methyltransferase (a.a.1–207)

### Swiss-Prot #
P16455

### Protein names
Methylated-DNA--protein-cysteine methyltransferase (EC 2.1.1.63) (6-O-methylguanine-DNA methyltransferase) (MGMT) (O-6-methylguanine-DNA-alkyltransferase)

### Gene names
MGMT

### Organism
Human

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**Codon optimized cDNA Clone**

**cDNA Cat#**
PEP-0465

**Description**
Applications: 1. Codon-optimized cDNA sequence designed for recombinant protein production in both E.coli and Mammalian cell. The cDNA has been cloned into E.coli expression vector with 6x Histidine at N-terminus. 2. May be used as RNAi assistance to restore the loss-of-function.

**Tag**
A 6x histidine tag

**Formulation**
Liquid

**Storage**
-20° to -70° C. Avoid repeated freeze-thaw cycles.

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**Recombinant Protein**

**Protein Cat#**
PE-0465

**Source**
Recombinant protein derived from E.coli. Or plant cell

**Tag**
A 6x histidine tag

**Formulation**
Liquid

**Purity**
> 90%, as determined by SDS-PAGE under reducing conditions

**Activity**
N/A

**Applications**
Western Blot, ELISA or may be used for other applications determined by user

**Storage**
-20° to -70° C. Avoid repeated freeze-thaw cycles.

**Sequence**
MDKCEMKRTTLDSPFGLKELESGCEQGLHIEKLLGGKTSADAVVEFPAAPAVLGGPFLMQCTAWLNAFYHQPEAIEEFVVPALNHFVQQESFRQVLWLLKVQPKGEV13YQQLAALGNYPKAARAVGGAMRGNFVPILIPCHRVCSSGAIVNYSGGLAVKEMLLANEGRHGLPGSSGILAGWLMGMATSGSFPAGRN

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**Place Order>>>**

Recombinant-Human-MGMT-Protein-cDNA-MGMT-Protein

*FOR in vitro RESEARCH USE ONLY. NOT FOR USE IN HUMAN*