

Recombinant Full Length Human MPG Protein, GST-tagged

Cat. No. MPG-6319HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MPG full-length ORF (NP_001015052.1, 1 a.a. - 293 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	293 amino acids
Description	MPG (N-Methylpurine DNA Glycosylase) is a Protein Coding gene. Among its related pathways are Telomere C-strand (Lagging Strand) Synthesis and Recognition and association of DNA glycosylase with site containing an affected purine. GO annotations related to this gene include damaged DNA binding and DNA-3-methyladenine glycosylase activity.
Molecular Mass	58.6 kDa
AA Sequence	MPARSGAQFCRRMGQKKQRPARAGQPHSSSDAAQAPAEQPHSSSDAAQAPCPR ERCLGPPTTPGPYRSIYFSSPKGHLTRLGLEFFDQPAVPLARAFLGQVLVRRLLPNGT ELRGRIVETEAYLGPEDAAHSRGGRRQTTPRNRGMFMKPGTLYVYIIYGMYFCMNISS QGDGACVLLRALEPLEGLETMRQLRSTLRKGTASRVLKDRELCGSPSKLCQALAINK SFDQRDLAQDEAVWLERGPLEPSEPAVVAAARVGVGHAGEWARKPLRFYVRGSP WVSVVDRVAEQDTQA
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [MPG N-methylpurine-DNA glycosylase \[Homo sapiens \]](#)

Official Symbol [MPG](#)

Synonyms MPG; N-methylpurine-DNA glycosylase; DNA-3-methyladenine glycosylase; alkyladenine DNA glycosylase; MDG; 3-alkyladenine DNA glycosylase; 3-methyladenine DNA glycosidase; proliferation-inducing protein 11; proliferation-inducing protein 16; N-methylpurine-DNA glycosylase, MPG; CRA36.1 (3-methyladenine DNA glycosylase); 3' end of the Mid1 gene, localized 68 kb upstream the human zeta globin gene on 16p; AAG; ADPG; APNG; Mid1; anpg; PIG11; PIG16; CRA36.1;

Gene ID [4350](#)

mRNA Refseq [NM_001015052](#)

Protein Refseq [NP_001015052](#)

MIM [156565](#)

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UniProt ID

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