

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	MPARSGAQFCRRMGQKKQRPARGQPHSSSDAAQAPAEQPHSSSDAAQAPCPR ERCLGPPTTPGPYRSIYFSSPKGHLTRLGLEFFDQPAVPLARAFLGQVLVRRLPNGT ELRGRIVETEAYLGPEDAAHSRGGRQTPRNRGMFMKPGTLYVYIIYGMYFCMNISS QGDGACVLLRALEPLEGLETMRQLRSTLRKGTASRVLKDRELCSGPSKLCQALAINK SFDQRDLAQDEAVWLERGPLEPSEPAVVAAARVGVGHAGEWARKPLRFYVRGSP WVSVDRAEQDTQA
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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