

Recombinant Human MPG Protein, GST/His-tagged

Cat. No. MPG-105H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MPG fused with N-terminal GST and C-terminal His was expressed in E. coli.
Species	Human
Source	E.coli
Description	Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	58.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	MPG N-methylpurine-DNA glycosylase [Homo sapiens]
Official Symbol	MPG
Synonyms	MPG; N-methylpurine-DNA glycosylase; DNA-3-methyladenine glycosylase;

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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_001015054
Protein Refseq	NP_001015054
MIM	156565
UniProt ID	P29372