

Recombinant Mouse Mpg protein, His-tagged

Cat. No. Mpg-1540M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mpg aa. (Leu46~Gln315 (Accession # Q04841)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu46~Gln315
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

Storage buffer Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point 8.9

GENE INFORMATION

Gene Name Mpg N-methylpurine-DNA glycosylase [*Mus musculus* (house mouse)]

Official Symbol Mpg

Synonyms Mpg; N-methylpurine-DNA glycosylase; Aag; APNG; Mid1; AI326268; 9830006D05; DNA-3-methyladenine glycosylase; 3-alkyladenine DNA glycosylase; 3-methyladenine DNA glycosidase; 3-methyladenine DNA glycosylase; ADPG; alkylpurine-DNA-N-glycosylase

Gene ID 268395

mRNA Refseq NM_010822.3

Protein Refseq NP_034952.2

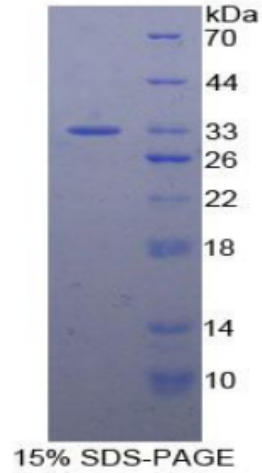
UniProt ID Q04841

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SDS-PAGE



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