

## Product datasheet for **TP761336**

### MPG (NM\_001015054) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human N-methylpurine-DNA glycosylase (MPG), transcript variant 3, full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length MPG
Tag:	N-GST and C-His
Predicted MW:	58.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001015054</a>
Locus ID:	4350
UniProt ID:	<a href="#">P29372</a>
RefSeq Size:	1039
Cytogenetics:	16p13.3
RefSeq ORF:	879
Synonyms:	AAG; ADPG; anpg; APNG; CRA36.1; MDG; Mid1; PIG11; PIG16
Summary:	Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions. [UniProtKB/Swiss-Prot Function]



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**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Base excision repair

**Product images:**

