

## Product datasheet for **AR39074PU-N**

### MPG / ANPG (1-298, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	MPG / ANPG (1-298, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MVTPALQMKK PKQFCRRMGQ KKQRPARAGQ PHSSSDAAQA PAEQPHSSSD AAQAPCPRER CLGPPTTPGP YRSIYFSSPK GHLTRLGLEF FDQPAVPLAR AFLGQVLVRR LPNGTELRGR IVETEAYLGP EDEAAHSRGG RQTPRNRGMF MKPGTLYVYI IYGMFYCMNI SSQGDGACVL LRALEPLEGL ETMRQLRSTL RKG TASRVLK DRELCSGPSK LCQALAINKS FDQRDLAQDE AVWLERGP LE PSEPAVAAA RVGVGHAGEW ARKPLRFYVR GSPWVSVD R VAEQDTQALE <u>HHHHHH</u>
Tag:	His-tag
Predicted MW:	33.9 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 30% glycerol, 200 mM NaCl, 1 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MPG protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001015052</a>
Locus ID:	4350
UniProt ID:	<a href="#">P29372</a>
Cytogenetics:	16p13.3
Synonyms:	AAG; ADPG; anpg; APNG; CRA36.1; MDG; Mid1; PIG11; PIG16



[View online »](#)

**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]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Base excision repair

**Product images:**

