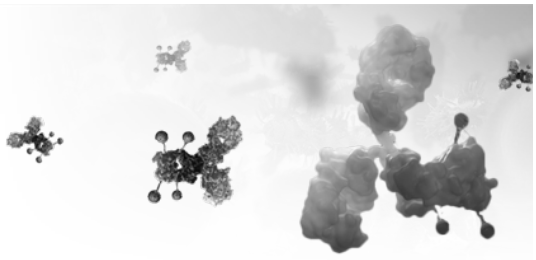

Human MPG blocking peptide (CDBP1897)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MPG antibody
Antigen Description	MPG (N-methylpurine-DNA glycosylase) is a protein-coding gene. Diseases associated with MPG include lutembacher's syndrome, and tricuspid valve stenosis, and among its related super-pathways are Removal of DNA patch containing abasic residue and Base-free sugar-phosphate removal via the single-nucleotide replacement pathway. GO annotations related to this gene include damaged DNA binding and DNA-7-methylguanine glycosylase activity.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

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

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	glycosylase, MPG; CRA36.1 (3-methyl-adenine DNA glycosylase); 3 end of the Mid1 gene, localized 68 kb upstream the humanzeta globin gene on 16p; AAG; ADPG; APNG; Mid1; anpg; PIG11; PIG16; CRA36.1;
Entrez Gene ID	4350
mRNA Refseq	NM_001015052
Protein Refseq	NP_001015052
UniProt ID	P29372
Chromosome Location	16p13.3
Pathway	Base Excision Repair, organism-specific biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem; Base-Excision Repair, AP Site Formation, organism-specific biosystem; Base-free sugar-phosphate removal via the single-nucleotide replacement pathway, organism-specific biosystem; Cleavage of the damaged purine, organism-specific biosystem; DNA Repair, organism-specific biosystem;
Function	DNA binding; DNA-3-methyladenine glycosylase activity; DNA-3-methylguanine glycosylase activity; DNA-7-methyladenine glycosylase activity; DNA-7-methylguanine glycosylase activity; alkylbase DNA N-glycosylase activity; catalytic activity; damaged DNA bind

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221