

Product Information

MemDX™ Membrane Protein Human MPG (N-methylpurine DNA glycosylase) for Antibody

Discovery

Cat. No.: **MP1315J**

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

This product is a 58.2 kDa Human MPG membrane protein expressed in E. coli. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

MPG

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

58.2 kDa

Sequence

MGQKKQRPARGQPHSSSDAAQAPAEQPHSSSDAAQAPCPRERCLGPPTTPGPYRSIYFS
SPKGHLTRLGLEFFDQPAVPLARAFLGQVLVRRLPNGTELGRIVETEAYLGPEDEAAHS
RGGRTQTPRNRGMFMKPGTLYVYIIYGMFYFCMNISSQGDGACVLLRALEPLEGLETMRQLR
STLRKGTASRVLKDRELCSGPSKLCQALAINKSFDQRDLAQDEAVWLERGPLEPSEPAVV
AAARVGVGHAGEWARKPLRFYVRGSPWWSVVDRAEQDTQA

Product Description

Expression Systems

E. coli

Tag

N-GST and C-His

Form

Liquid

Endotoxin

< 1 EU/μg

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

MPG

Full Name

N-methylpurine DNA glycosylase

Introduction

Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions.

Alternative Names

AAG; MDG; ADPG; APNG; Mid1; anpg; PIG11; PIG16; CRA36.1; 3' end of the Mid1 gene, localized 68 kb upstream the human zeta globin gene on 16p; 3-alkyladenine DNA glycosylase; 3-methyladenine DNA glycosidase; CRA36.1 (3-methyl-adenine DNA glycosylase); N-methylpurine-DNA glycosylase, MPG; proliferation-inducing protein 11; proliferation-inducing protein 16

Gene ID

[4350](#)

UniProt ID

[P29372](#)