

Human MPG, C-His Tag Protein

HA210765



Product name:	Human MPG, C-His Tag
Species reactivity:	Human
Protein construction description:	A DNA sequence encoding the human MPG protein (P29372-1) (Met 18-Ala 298) was expressed with a His tag at the C-terminus.

Background: Predicted to enable alkylbase DNA N-glycosylase activity. Predicted to be involved in base-excision repair. Located in cytosol and nucleoplasm. Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions.

Purity: >95% as determined by SDS-PAGE.

Endotoxin: Less than 1.0 EU per µg by the LAL method.

Fragment region: MPG (18-298)

Source: E.coli

Accession: P29372-1

Predicted molecular mass: 32.5 kD

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 µg/ml in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

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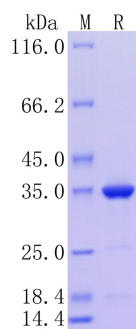


Fig1: Protein on SDS-PAGE under reducing (R) condition.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".
