

## Formamidopyrimidine-DNA Glycosylase E.Coli Recombinant

<b>Item Number</b>	rAP-1136
<b>Synonyms</b>	Formamidopyrimidine-DNA glycosylase, FPG.
<b>Description</b>	MUTM Recombinant produced in E. coli is a single polypeptide chain containing 289 amino acids (1-269) and having a molecular mass of 32.4kDa. MUTM is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P05523
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MPPEPEVETS RRGIEPHLVG ATILHAVVRN GRLRWPVSEE IYRLSDQPVL SVQRRAKYLL LELPEGWIII HLGMSGSLRI LPEELPPEKH DHVDLVMSNG KVLRYTDPRR FGAWLWTKEL EGHNVLTHLG PEPLSDDFNG EYLHQKCAKK KTAIKPWLMND NKLVVGVGNI YASESLFAAG IHPDRLASSL SLAECELLAR VIKAVLLRSI EQGGTTLKDF LQSDGKPGYF AQELQVYGRK GEPCRVCGTP IVATKHAQRA TFYCRQCQK
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The MUTM solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**