

Recombinant E. coli MUTM Protein

Catalog #	Source	Reactivity	Applications
CRP1983	E. coli	E. coli	E, WB, SDS-PAGE, MS
Description	Recombinant E. coli MUTM Protein is produced by our E.coli expression system and the target gene encoding Met1-Lys269 is expressed with a 6His tag at the C-terminus.		
Form	Supplied as a 0.2 µM filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM EDTA, 1mM DTT, 50% Glycerol, pH 7.8.		
Gene Symbol	MUTM		
Alternative Names	fpg; Formamidopyrimidine-DNA glycosylase; Fapy-DNA glycosylase; AP lyase MutM		
Entrez Gene	7150974 (E. coli)		
SwissProt	A7ZT16 (E. coli)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	MPPELPEVETS RRGIEPHLVG ATILHAVVRN GRLRWPVSEE IYRLSDQPVL SVQRRAKYLL LELPEGWIII HLGMSGSLRI LPEELPPEKH DHVDLVMNSG KVLRYTDP RR FGAWLWTKEL EGHNVLTHLG PEPLSDDFNG EYLHQKCAKK KTAIKPWLMD NKLVVGVGNI YASESLFAAG IHPDRLASSL SLAECELLAR VIKAVLLRSI EQGGTTLKDF LQSDGKPGYF AQELQVYGRK GEPCRVCGTP IVATKHAQRA TFYCRQCQKL EHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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