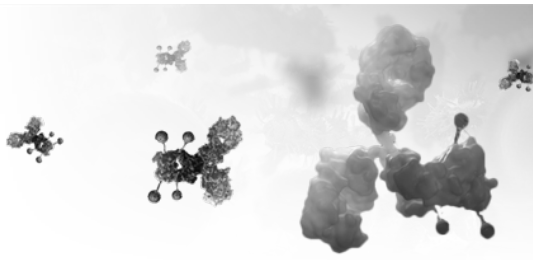

Recombinant E. coli G/U mismatch-specific DNA glycosylase (a.a. 1-168) (DAG-P2308)

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

PRODUCT INFORMATION

Product Overview	E. coli G/U mismatch-specific DNA glycosylase full length protein
Antigen Description	Excises ethenocytosine and uracil, which can arise by alkylation or deamination of cytosine, respectively, from the corresponding mispairs with guanine in ds-DNA. It is capable of hydrolyzing the carbon-nitrogen bond between the sugar-phosphate backbone of the DNA and the mispaired base. The complementary strand guanine functions in substrate recognition. Required for DNA damage lesion repair in stationary-phase cells.
Species	E. coli
Purity	>95% by SDS-PAGE .Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. This antigen has been 0.2 μM filtered.
Conjugate	Unconjugated
Applications	HPLC SDS-PAGE
Molecular Weight	19 kDa
Format	Liquid
Buffer	pH: 8.00Constituents: 0.02% PMSF, 0.02% Beta mercaptoethanol, 0.32% Tris HCl, 50% Glycerol
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00Constituents: 0.02% PMSF, 0.02% Beta mercaptoethanol, 0.32% Tris HCl, 50% Glycerol

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

BACKGROUND

Introduction	Escherichia coli; commonly abbreviated E. coli) is a gram-negative, facultatively anaerobic, rod-shaped bacterium of the genus Escherichia that is commonly found in the lower intestine of warm-blooded organisms (endotherms). Most E. coli strains are harml
Keywords	Double strand specific uracil glycosylase; Mismatch specific uracil DNA glycosylase; MUG; Xanthine DNA glycosylase; ygjF; E. coli G/U mismatch-specific DNA glycosylase; Escherichia coli G/U mismatch-specific DNA glycosylase

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