



Recombinant *Erwinia carotovora* subsp. atroseptica G/U mismatch-specific DNA glycosylase (mug)

Product Code	CSB-EP715625EAAB-B
Abbreviation	mug
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q6D9D7
Product Type	Recombinant Protein
Immunogen Species	Pectobacterium atrosepticum (strain SCRI 1043 / ATCC BAA-672) (<i>Erwinia carotovora</i> subsp. atroseptica)
Purity	≥85% (SDS-PAGE)
Sequence	MITDILAMNL QVVFCGINPG LSTAHHGYHF ANPNNRFWKV IHQAGFTERL LTPAEEQHLL DTGCGITMLV ERPTVEATEL GRDELLQGGN AIVEKMTRYQ PRALAVLGKQ AFSQAFGIKK VSWGRQERRI GETQVWVLPN PSGLNRATLE SLVASYQELH QALQDNV
Source	E.coli
Target Names	mug
Protein Names	Recommended name: G/U mismatch-specific DNA glycosylase EC= 3.2.2.28 Alternative name(s): Double-strand-specific uracil glycosylase Mismatch-specific uracil DNA-glycosylase Short name= MUG
Expression Region	1-167
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.