

E.Coli MUG Recombinant Protein



RPPB1985

Product Information Protein Information

Product SKU:

RPPB1985

Accession:

P0A9H1

Host:

E.coli.

Protein description:

MUG Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 191 amino acids (1-168) and having a molecular mass of 21.1kDa. MUG is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

xanthine DNA glycosylase, dug, ECK3058, JW3040, ygfF, G/U mismatch-specific DNA glycosylase, Double-strand-specific uracil glycosylase, Mismatch-specific uracil DNA-glycosylase, mug.

Formulation:

The MUG solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 20% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMVEDILA PGLRVVFCGI NPLSSAGTG PFPAHPANRF WKVIYQAGFT
DRQLKPQEAQ HLLDYRCGVT KLVD RPTVQA NEVSKQELHA GGRKLIKIE DYQPQALAIL GKQAYEQGFS
QRGAQWGKQT LTIGSTQIWV LPNPSGLSRV SLEKLVEAYR ELDQALVVRG R.