

Human SMUG1 Recombinant Protein



RPPB2277

Product Information Protein Information

Product SKU:

RPPB2277

Accession:

Q53HV7

Host:

E.coli.

Protein description:

SMUG1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 293 amino acids (1-270) and having a molecular mass of 32.3kDa. SMUG1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Single-strand selective monofunctional uracil DNA glycosylase, SMUG1, FDG, UNG3, HMUDG.

Formulation:

The SMUG1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 30% glycerol and 1mM DTT.

Purity:

Greater than 95% 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 MGSMPQAFLL GSIHEPAGAL MEPQPCPSL AESFLEEELR LNAELSQLQF
SEPVGIYNP VEYAWEPHRN YVTRYCQGP EVLFLGMNPG PFGMAQTGVP FGEVSMVRDW LGIVGPVLT
PQEHKRPVL GLECPQSEVS GARFWGFFRN LCGQPEVFFH HCFVHNLCL LFLAPSGRNL TPAELPAKQR
EQLLGICDAA LCRQVQLLGV RLVVGVGRLA EQRARRALAG LMPEVQVEGL LHPSRNPQA NKGWEAVAKE
RLNELGLLPL LLK.