

Uracil DNA Glycosylase Recombinant Protein | UNG recombinant protein

Recombinant Uracil DNA Glycosylase (UNG)

CATALOG # AAA144509	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Uracil DNA Glycosylase; Recombinant Uracil DNA Glycosylase (UNG); UNG recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MIGQKTLY SFFSPSPARK RHAPSPEPAV QGTGVAGVPE ESGDAAAIPA KKAPAGQEER GTPSSPLSA EQLDRIQRNK AAALLRLAAR NVPVGFGEWS KKHLSGEFGK PYFIKLMGFV AEERKHYTVY PPPHQVFTWT QMCDIKDVKV VILGQDPYHG PNQAHGLCFS VQRPVPPPPS LENIYKELST DIEDFVHPGH GDLSGWAKQG VLLLNAVLTV RAHQANSHKE RGWEQFTDAV VSWLNQNSNG LVFLLWGSYA QKKGSAIDRK RHHLVQTAHP SPLSVYRGFF GCRHFSKTNE LLQKSGKKPI DWKEL
Applicable Applications for UNG recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Met1-Leu313
Tags	N-terminal His Tag
Subcellular Location	Mitochondrion
Traits	Freeze-dried powder
Predicted isoelectric point	9.4
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	15230152
NCBI GeneID	821394
NCBI Accession #	NP_188493.1
NCBI GenBank Nucleotide #	NM_112749.4
Molecular Weight	Predicted Molecular Mass: 38.3kDa Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	uracil DNA glycosylase
NCBI Official Symbol	UNG
NCBI Official Synonym Symbols	ATUNG; UNG; uracil dna glycosylase
NCBI Protein Information	uracil DNA glycosylase
UniProt Protein Name	Uracil-DNA glycosylase, mitochondrial
UniProt Gene Name	UNG
UniProt Synonym Gene Names	UDG
UniProt Entry Name	UNG_ARATH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ung-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144509>